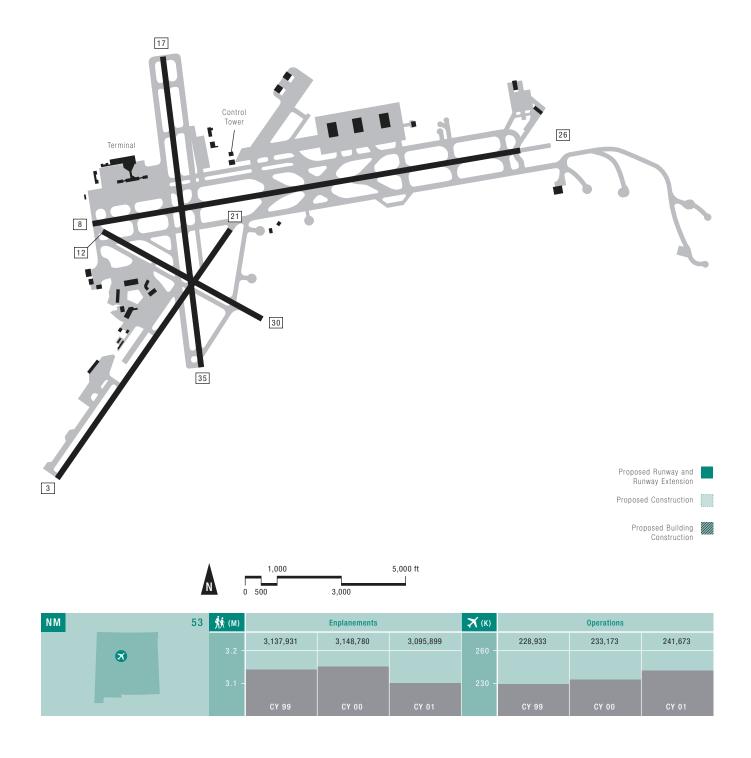
APPENDIX E

AIRPORT LAYOUTS FOR THE

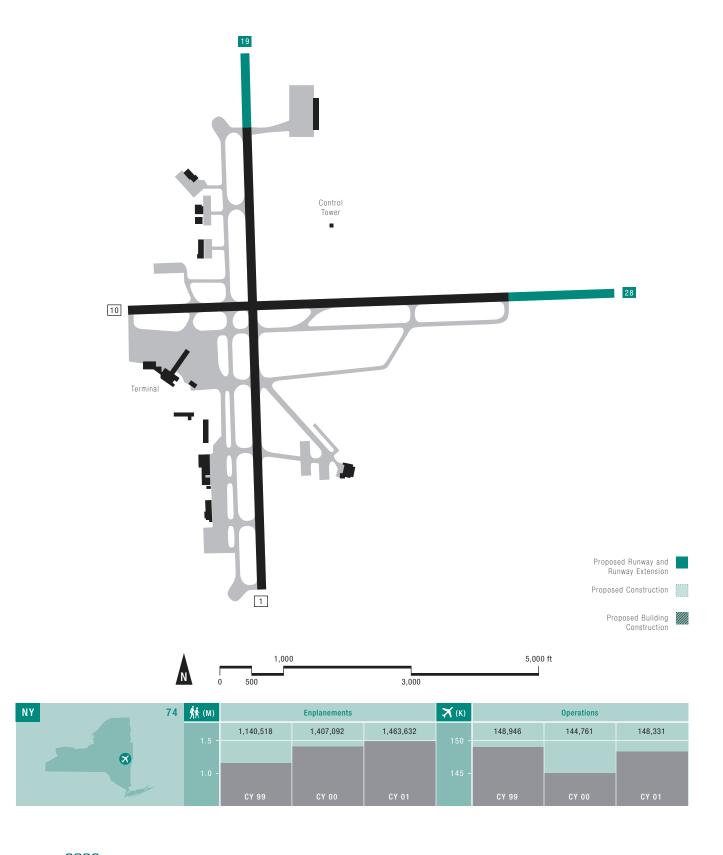
ABQ	Albuquerque International Airport	MCI	Kansas City International Airport	165
ALB	Albany County Airport	MCO	Orlando International Airport	166
ANC	Ted Stevens Anchorage International Airport 117	MDW	Chicago Midway Airport	167
ATL	Hartsfield Atlanta International Airport118	MEM	Memphis International Airport	168
AUS	Austin-Bergstrom International Airport119	MHT	Manchester Airport	169
BDL	Bradley International Airport120	MIA	Miami International Airport	170
BHM	Birmingham Airport	MKE	Milwaukee General Mitchell International Airport	171
BNA	Nashville International Airport	MSN	Madison/Dane County Regional Airport	172
B0I	Boise Air Terminal	MSP	Minneapolis-St. Paul International Airport	173
B0S	Boston Logan International Airport	MSY	Louis Armstrong New Orleans International Airport	174
BUF	Greater Buffalo International Airport	MYR	Myrtle Beach International Airport	175
BUR	Burbank-Glendale-Pasadena Airport	OAK	Metropolitan Oakland International Airport	
BWI	Baltimore-Washington International Airport 127	OGG	Kahului Airport	
CHS	Charleston International Airport	OKC	Oklahoma City Will Rogers World Airport	
CLE	Cleveland Hopkins International Airport129	OMA	Omaha Eppley Airfield	
CLT	Charlotte/Douglas International Airport	ONT	Ontario International Airport	
СМН	Port Columbus International Airport	ORD	Chicago O'Hare International Airport	
COS	Colorado Springs Municipal Airport	ORF	Norfolk International Airport	
CVG	Greater Cincinnati International Airport	PBI	Palm Beach International Airport	
DAL	Dallas-Love Field	PDX	Portland International Airport	
DAY	Dayton International Airport	PHL	Philadelphia International Airport	
DCA	Ronald Reagan National Airport	PHX	Phoenix Sky Harbor International Airport	
DEN	Denver International Airport	PIT	Greater Pittsburgh International Airport	
DFW	Dallas-Fort Worth International Airport	PSP	Palm Springs Regional Airport	
DSM	Des Moines International Airport	PVD	T.F. Green Airport	
DTW	Detroit Metropolitan Wayne County Airport	PWM	Portland International Jetport	
ELP	El Paso International Airport	RDU	Raleigh-Durham International Airport	
EWR	Newark Liberty International Airport	RIC	Richmond International Airport	
FLL GEG	Fort Lauderdale-Hollywood International Airport 143	RNO ROC	Reno Tahoe International Airport	
GRR	Spokane International Airport	RSW	Greater Rochester International Airport Fort Myers Southwest Florida Regional Airport	
GSO	Greensboro Piedmont Triad International Airport 143	SAN	San Diego International Lindberg Field	
GSP	Greenville-Spartanburg International	SAT	San Antonio International Airport	
GUM	Guam International Airport	SAV	Savannah International Airport	
HNL	Honolulu International Airport	SDF	Louisville International Airport	
HOU	Houston William P. Hobby Airport	SEA	Seattle-Tacoma International Airport	
IAD	Washington Dulles International Airport	SFB	Orlando-Sanford Airport	
IAH	George Bush International Airport	SF0	San Francisco International Airport	
ind IND	Indianapolis International Airport	SJC	Norman Y. Mineta San José International Airport	
ISP	Islip Long Island MacArthur Airport	SJU	San Juan Luis Muñoz Marín International Airport	
ITO	Hilo International Airport	SLC	Salt Lake City International Airport	
JAN	Jackson International Airport	SMF	Sacramento International Airport	
JAX	Jacksonville International Airport	SNA	John Wayne Airport - Orange County	
JFK	New York John F. Kennedy International Airport 158	SRQ	Sarasota Bradenton Airport	
KOA	Kona International Airport at Keahole	STL	Lambert St. Louis International Airport	
LAS	Las Vegas McCarran International Airport 160	SYR	Syracuse Hancock International Airport	
LAX	Los Angeles International Airport	TPA	Tampa International Airport	
LGA	New York LaGuardia Airport	TUL	Tulsa International Airport	
LIH	Lihue Airport	TUS	Tucson International Airport	
l IT	Little Rock Adams Field	TYS	Knoxville McGhee-Tyson Airport	

ABQ - Albuquerque International Airport



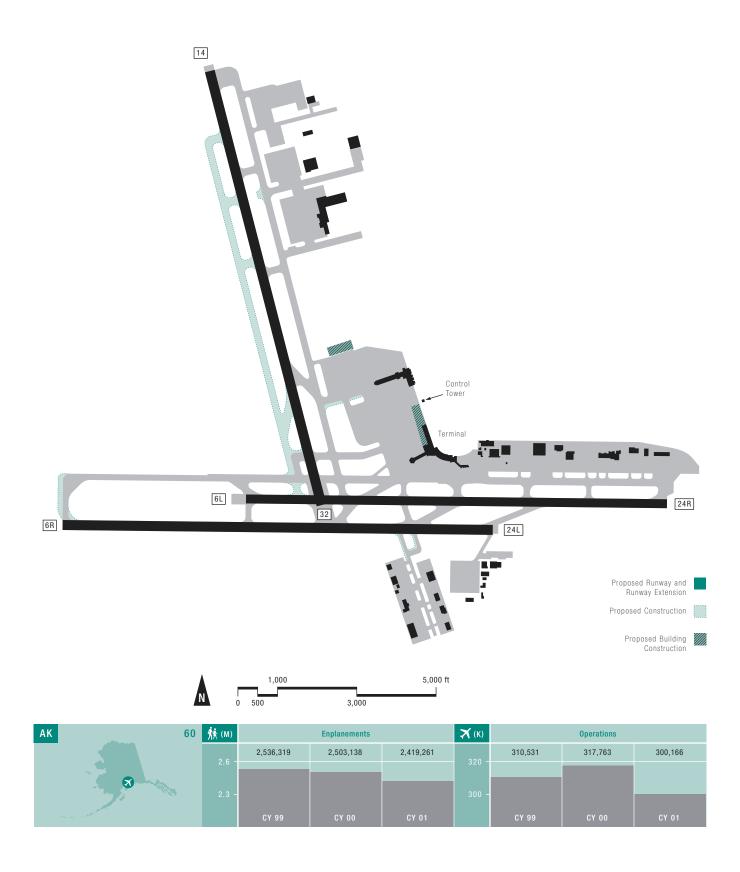
ALB - Albany County Airport

Construction of an extension to Runway 10/28 is planned. The estimated cost of construction is \$5.8 million and is expected to be completed in 2002. An extension of Runway 1/19 is planned at an estimated cost of \$7.5 million. Completion is expected in 2005.



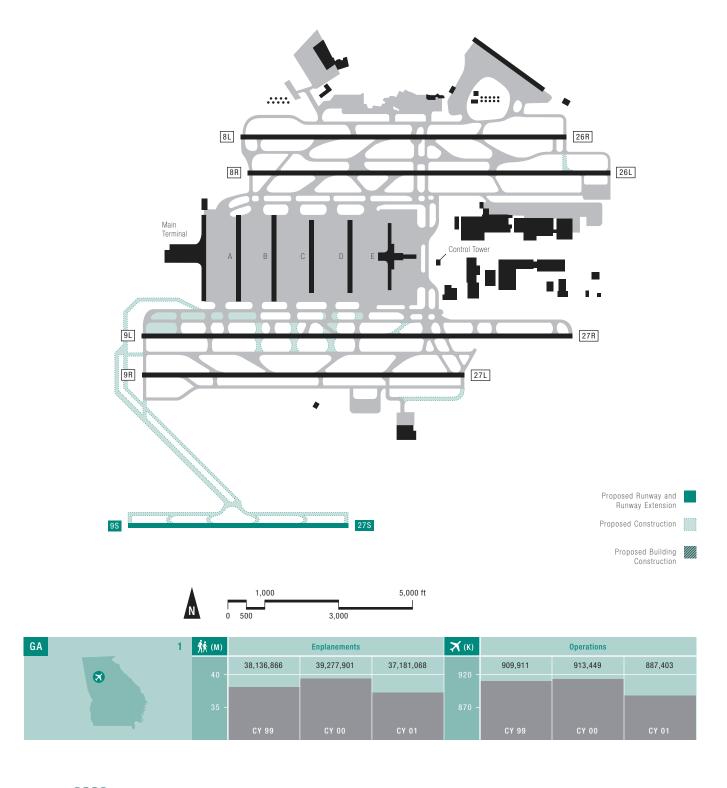
ANC - Ted Stevens Anchorage International Airport

A new runway, 32L/14R, is being proposed, at a cost of \$16 million. No completion date is available at this time.

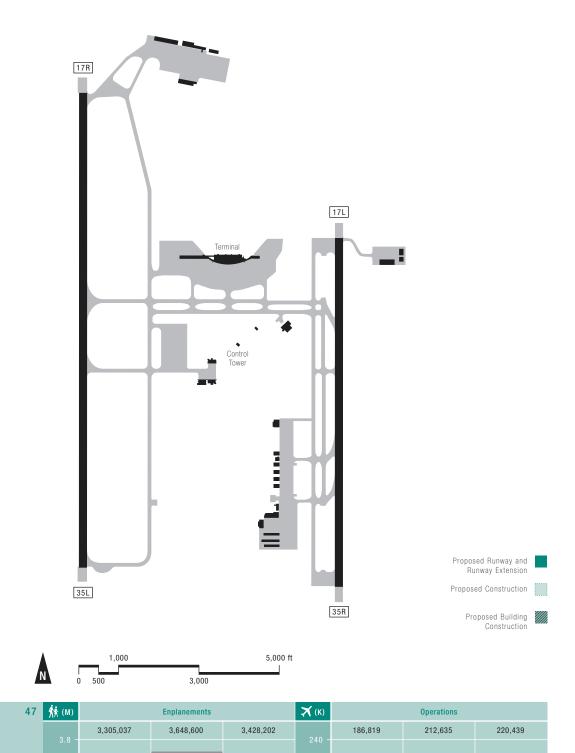


ATL - Hartsfield Atlanta International Airport

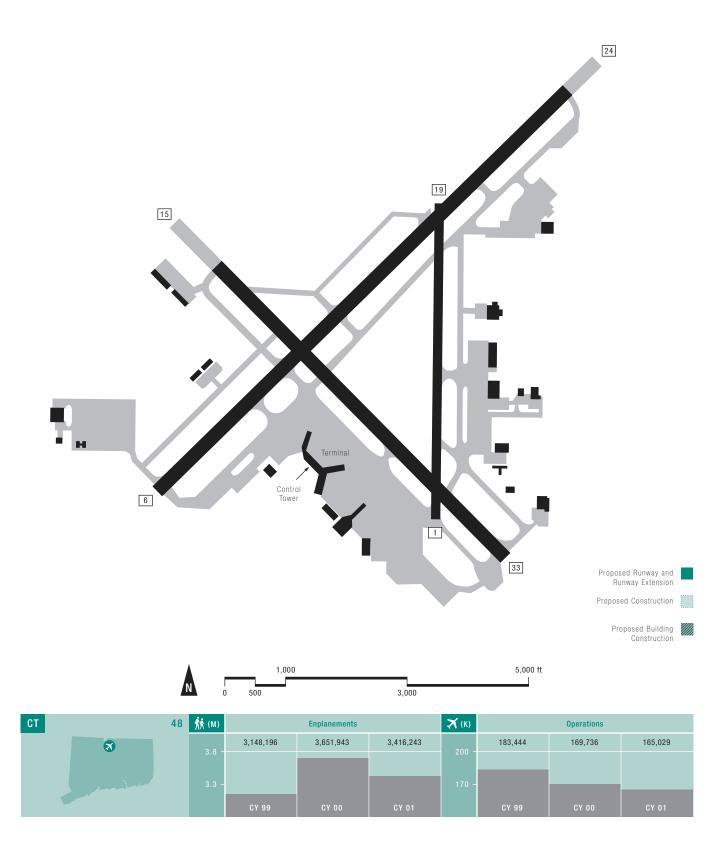
A fifth Runway 10/28, 9,000 ft. long and approximately 4,200 ft. south of Runway 9R/27L, is under design. Land acquisition is ongoing. The runway will permit triple independent IFR approaches using the PRM. The total estimated cost is \$1.2 billion. Construction began in 2000. The estimated operational date is early 2005.



AUS - Austin-Bergstrom International Airport

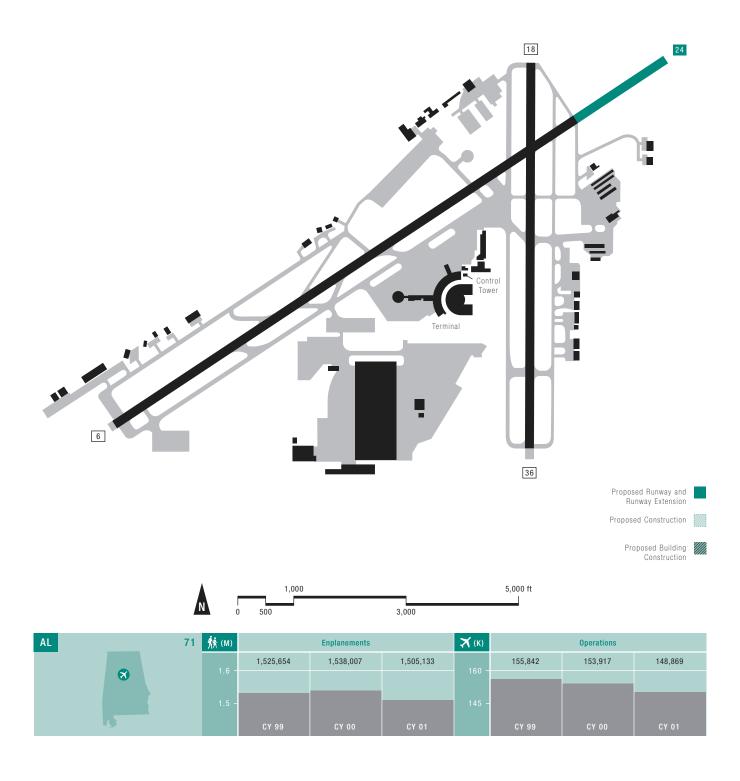


BDL - Bradley International Airport



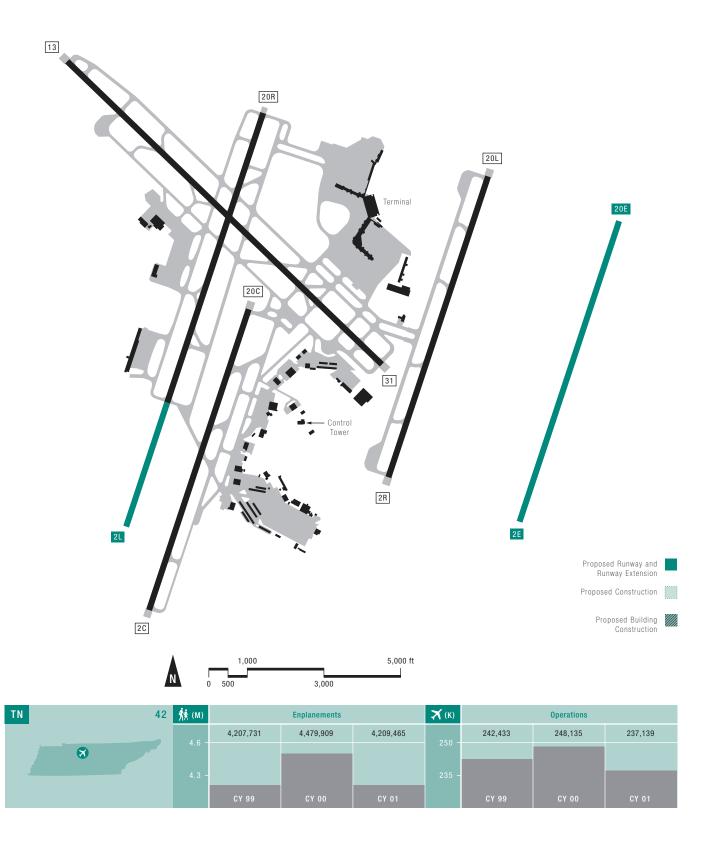
BHM - Birmingham Airport

A 2,000-ft. extension of Runway 5/23 is currently proposed in the Airport's Master Plan. As proposed, the Runway 23 threshold would be displaced by 2,000 ft. Therefore, Runway 23's length available for departures and arrivals would be 12,000 ft. and 10,000 ft., respectively. Runway 5's available length for both arrivals and departures would increase to 12,000 ft. The increased length will allow increased aircraft payloads. An environmental assessment for the runway extension was completed in 1999. The runway extension is planned to be completed by 2002. The total estimated cost is \$17 million.



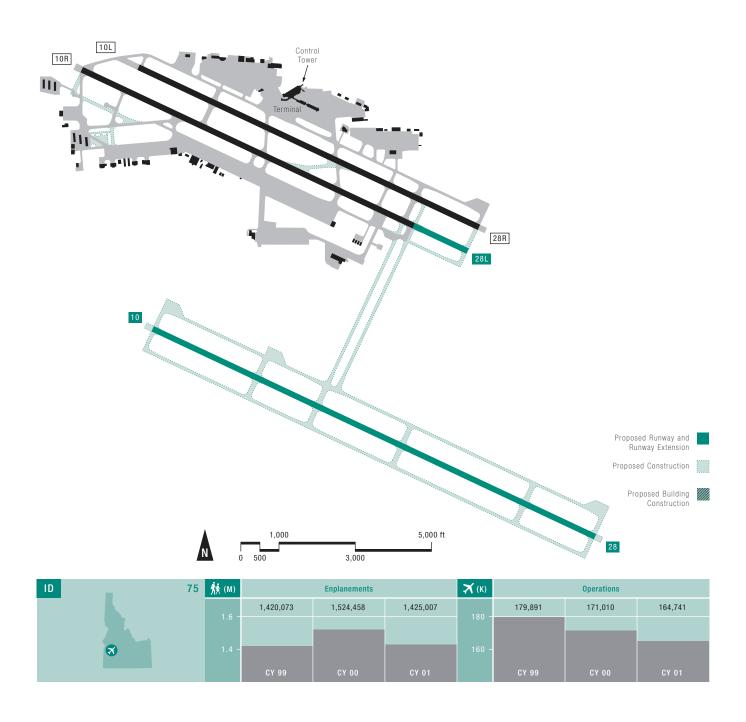
BNA - Nashville International Airport

A new Runway 2E/20E is planned for the future between 1,500 and 3,500 ft. from Runway 2R/20L. In addition, an extension to Runway 2R/20L is planned.



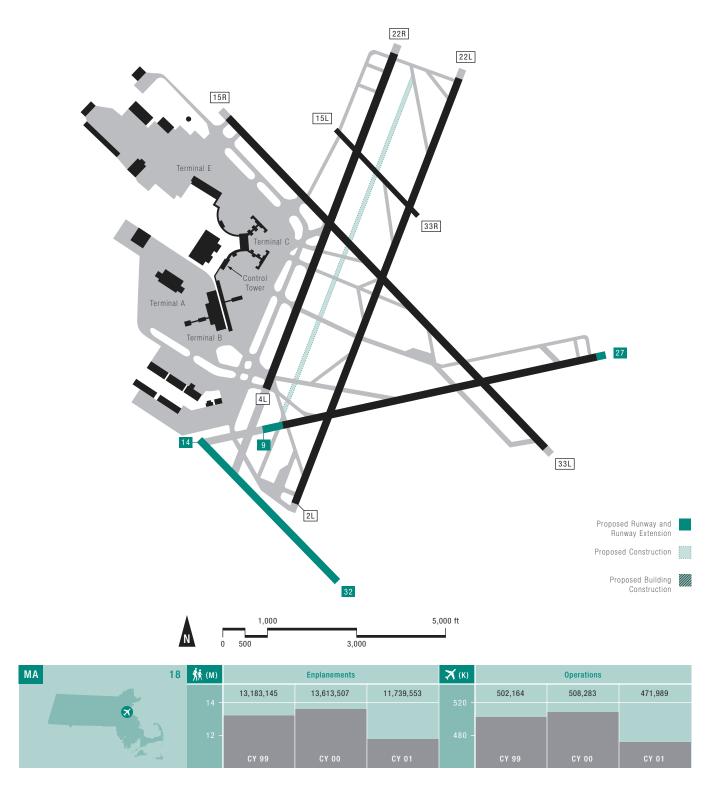
BOI - Boise Air Terminal

A third parallel Runway 10R/28L is planned for the long-term future. It is planned 5,400 ft. south of existing Runway 10R/28L (to be renamed 10C/28C). A third parallel Runway 9/27 is planned for the long-term future. The eastern 5,000 ft. will be constructed in 2002 for military short-field landing training. The third runway is planned 5,200 ft. south of existing Runway 10R/28L.



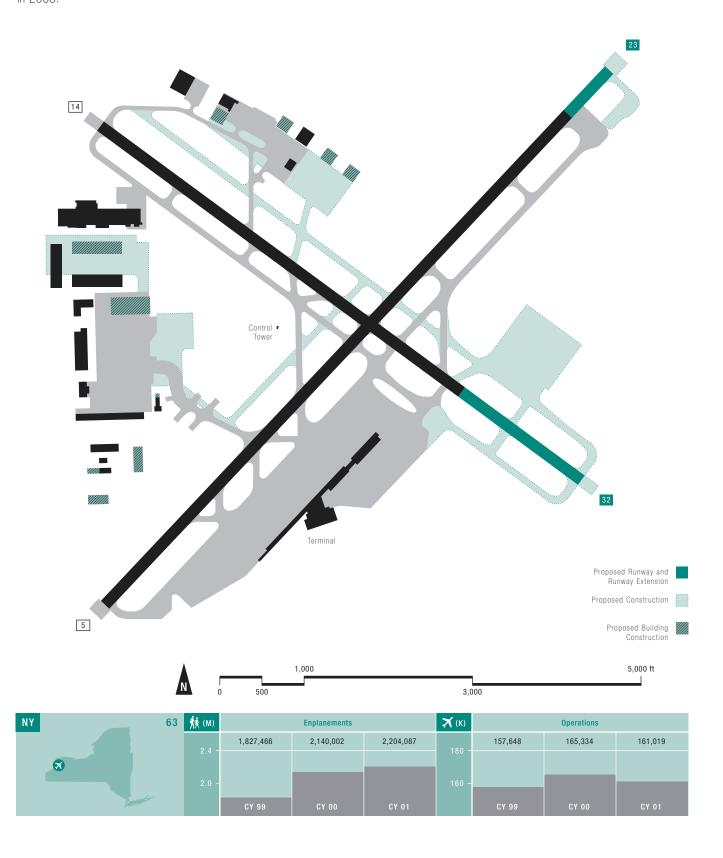
BOS - Boston Logan International Airport

A new uni-directional 5,000 ft. Commuter Runway 14/32, and a new midfield taxiway, 9000 ft. in length, and other improvements are planned. An Environmental Impact Statement is nearing completion for the airfield project. The estimated cost for construction for the new runway is \$100 million including mitigation. Massport's current plans reflect completion of the new Runway in 2005.

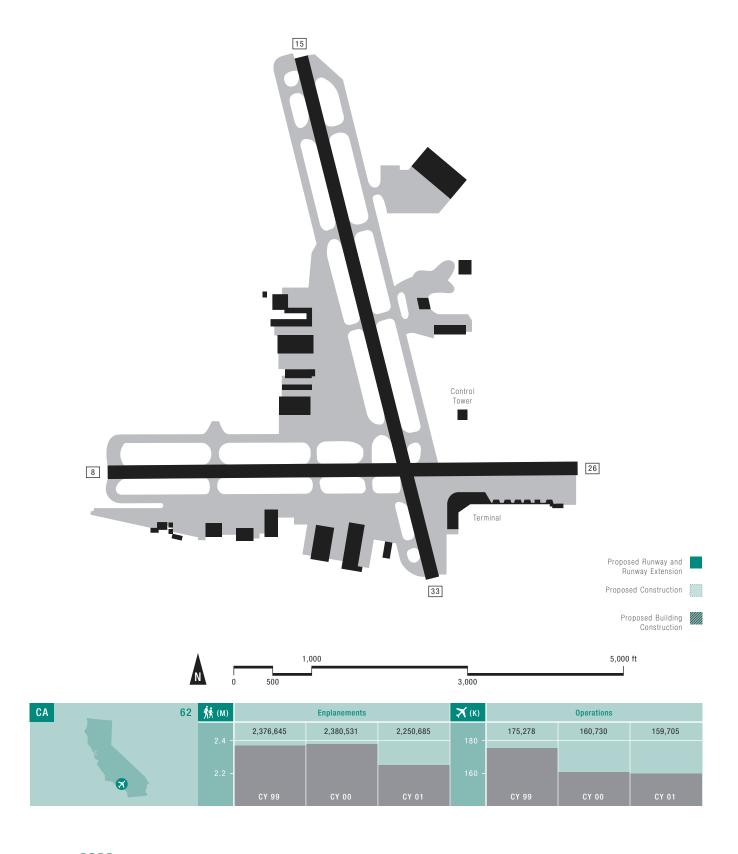


BUF - Greater Buffalo International Airport

Construction of an extension to Runway 14/32 is planned. Estimated cost of construction is \$4.9 million and it is expected to be completed in 2005.

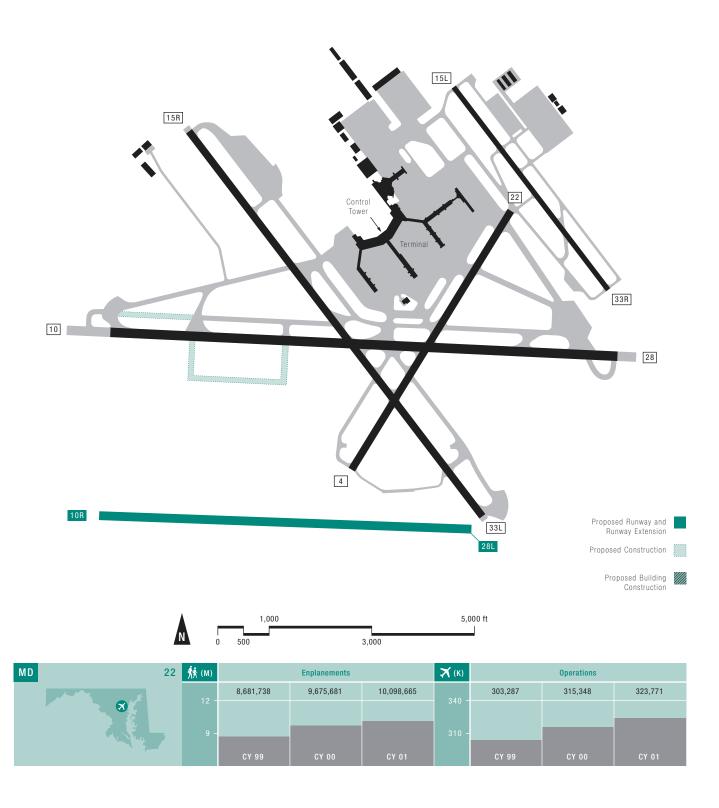


BUR - Burbank-Glendale-Pasadena Airport

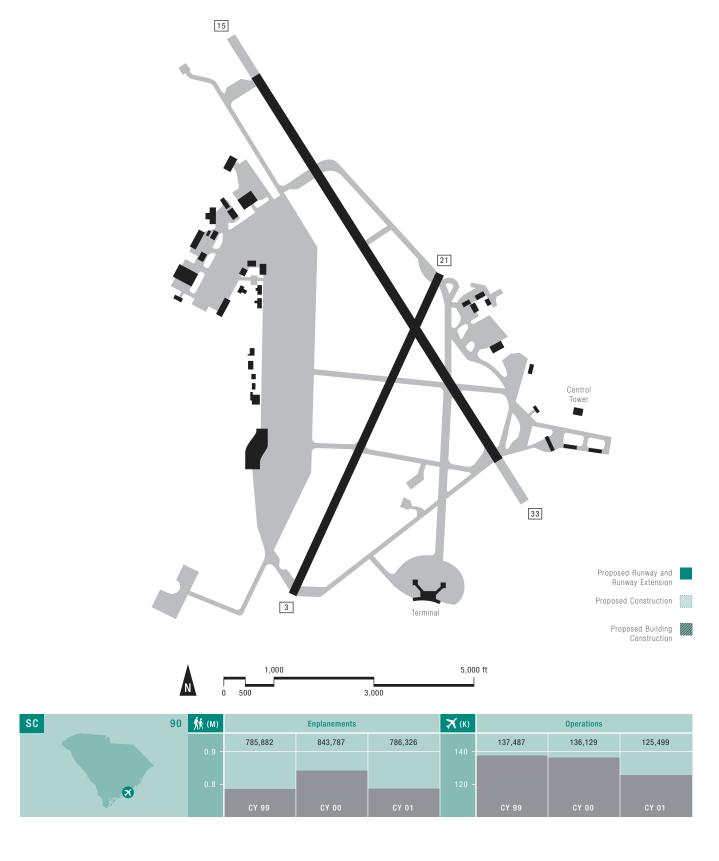


BWI - Baltimore-Washington International Airport

Various capacity improvements are currently under consideration by the Washington/Baltimore International Airport (BWI) Capacity Task Force. The BWI Capacity Enhancement Plan (CEP) is projected for release in 2002. The CEP will detail several viable proposed capacity improvements and runway alternatives, and identify the anticipated date of project(s) construction.

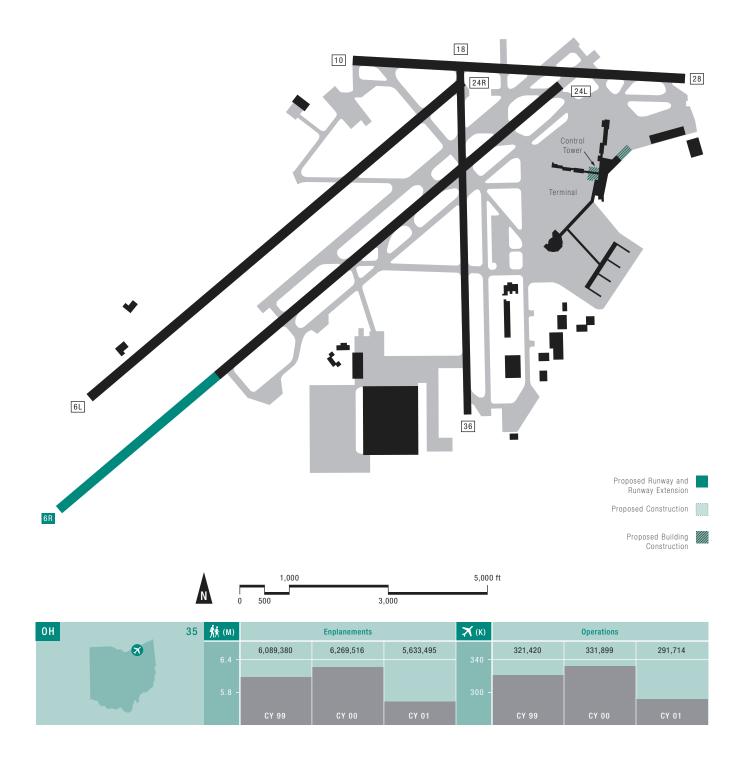


CHS - Charleston International Airport



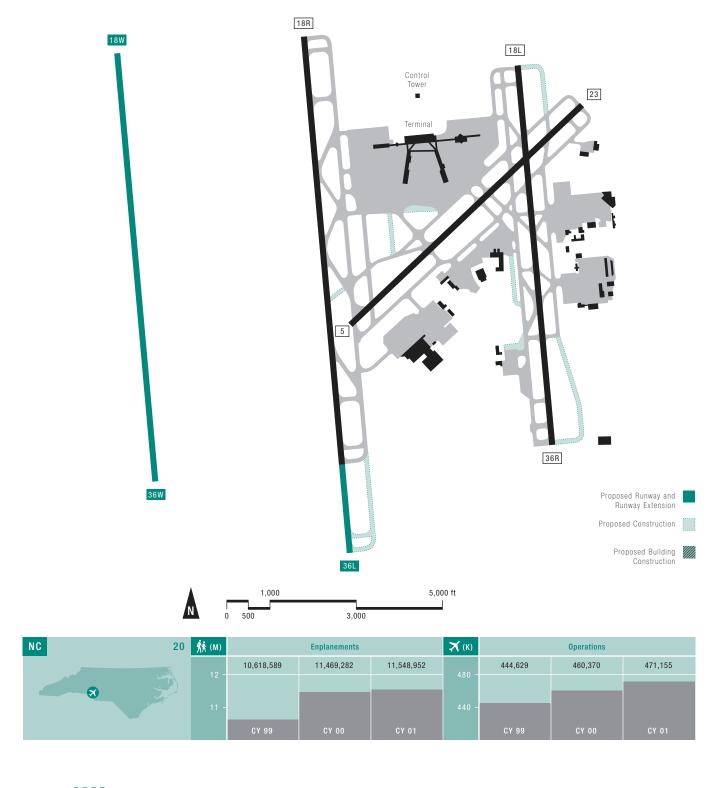
CLE - Cleveland Hopkins International Airport

The current ALP shows construction of a new Runway 6L/24R that will be 9,000 ft. long. Construction of Phase I, 7,000 ft., is under construction and is expected to be operational in December 2002. Phase II, completing construction to 9,000 ft., is awaiting relocation of existing NASA facilities now in progress and is scheduled to be operational in November 2004. The cost of Phase I and II is \$129 million. Also planned is the conversion of existing 6L/24R into a parallel taxiway at a cost of \$3 million, scheduled for completion 2005. Future projects include an extension of existing Runway 6R/24L from 9,000 ft. to 11,250 ft., at an estimated cost of \$40 million. The schedule is pending, based upon available funding.



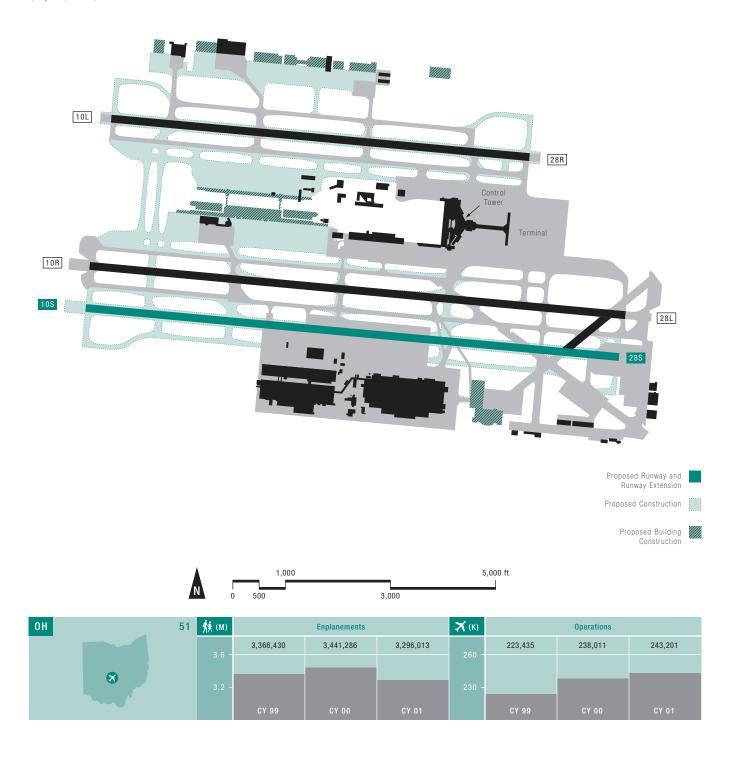
CLT - Charlotte/Douglas International Airport

A third parallel 9,000-ft. Runway 18W/36W, 3,700 ft. west of Runway 18R/36L, is being planned. It would permit triple dependent IFR approaches. Land acquisition is ongoing. Construction is expected to start in mid-2002 and be completed by late-2005, at an estimated cost of \$187 million. A 2,000-ft. extension of Runway 18R/36L is also planned. The estimated cost is \$22 million, and it is expected to be operational beyond 2006. The extension is primarily for departures.



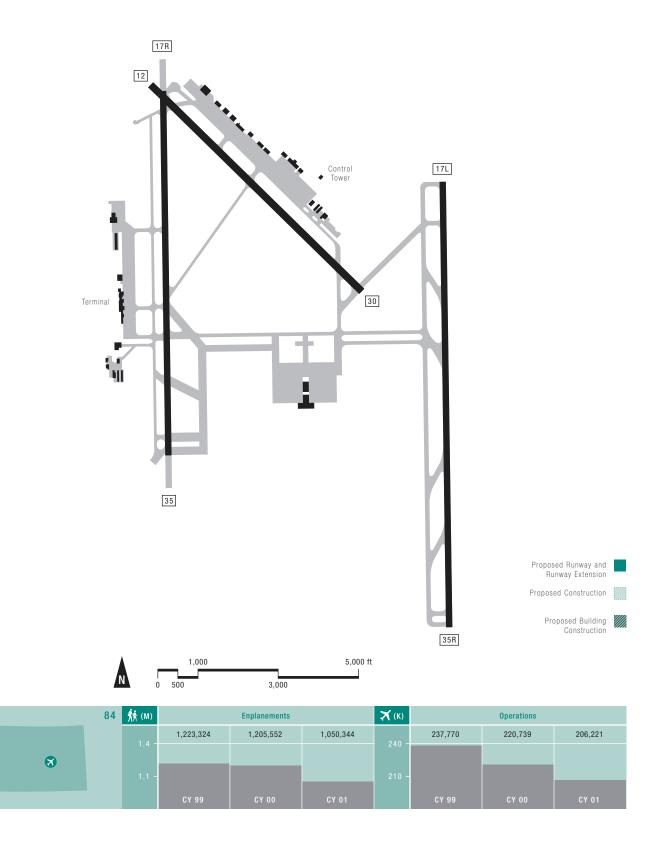
CMH - Port Columbus International Airport

The Airport Layout Plan illustrates a third parallel Future Runway 10R/28L, constructed 800 ft. south of the existing Runway 10R/28L. (Existing Runway 10R/28L will become Runway 10C/28C upon completion of construction of the third parallel Future Runway 10R/28L.) The new runway will be 10,125 ft. in length and 150 ft. in width, with two high-speed exits, a 90-degree exit at the center and a 90-degree bypass taxiway at each end. This would provide a 3,600-ft. separation between the proposed Runway 10R/28L and the existing Runway 10L/28R. With the installation of the Precision Runway Monitor (PRM), the existing Runway 10L/28R and the proposed Runway 10R/28L could be used for arrival traffic. Runway 10C/28C would be used as the departure runway. The expected operational date is 2020, with project costs estimated at \$128 million.



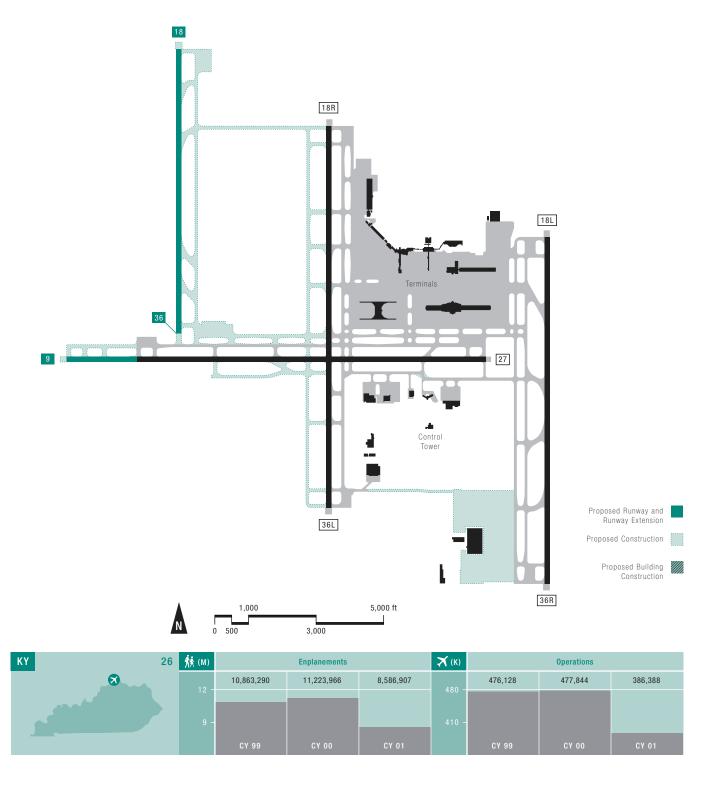
COS - Colorado Springs Municipal Airport

Runway 17R/35L began reconstruction March 2002 with completion scheduled for November 2002.

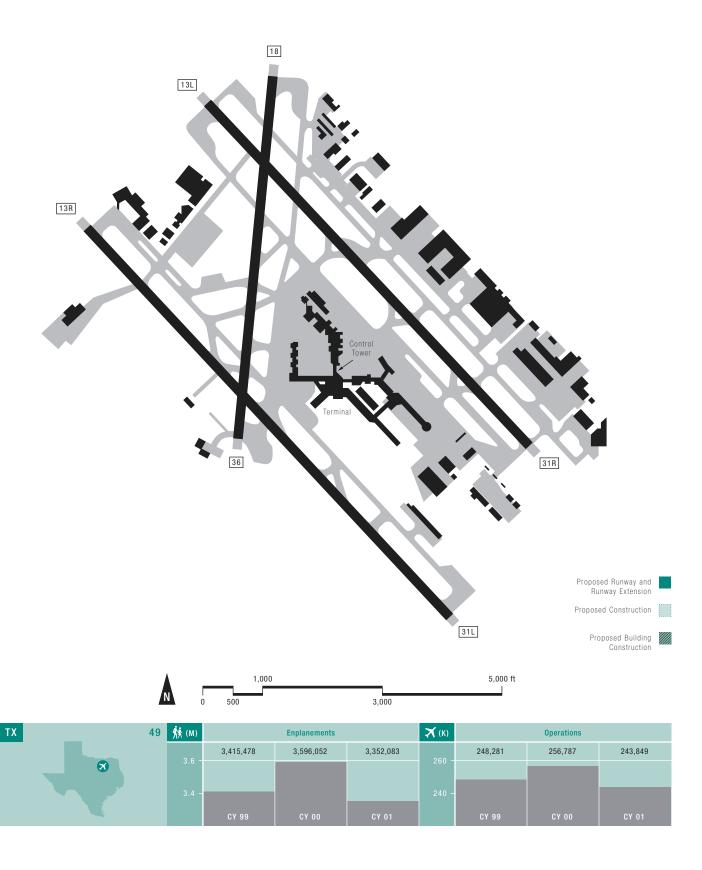


CVG - Greater Cincinnati International Airport

A new 8,000 ft. third parallel Runway 18R/36L is planned to be located 4,300 ft. west of the existing Runway 18R/36L (to be renamed 17/35). The estimated cost is \$233 million. The expected operational date is 2005. The new runway may allow triple independent IFR approaches. A 1,000 ft. extension to Runway 9 is required for the new runway to become operational. However, a 2,000 ft. extension is planned and is expected to be completed in 2005 at an estimated cost of \$18.2 million. The extension would allow departures of aircraft with heavier payloads and/or longer haul-lengths. An EIS is currently underway for both projects.

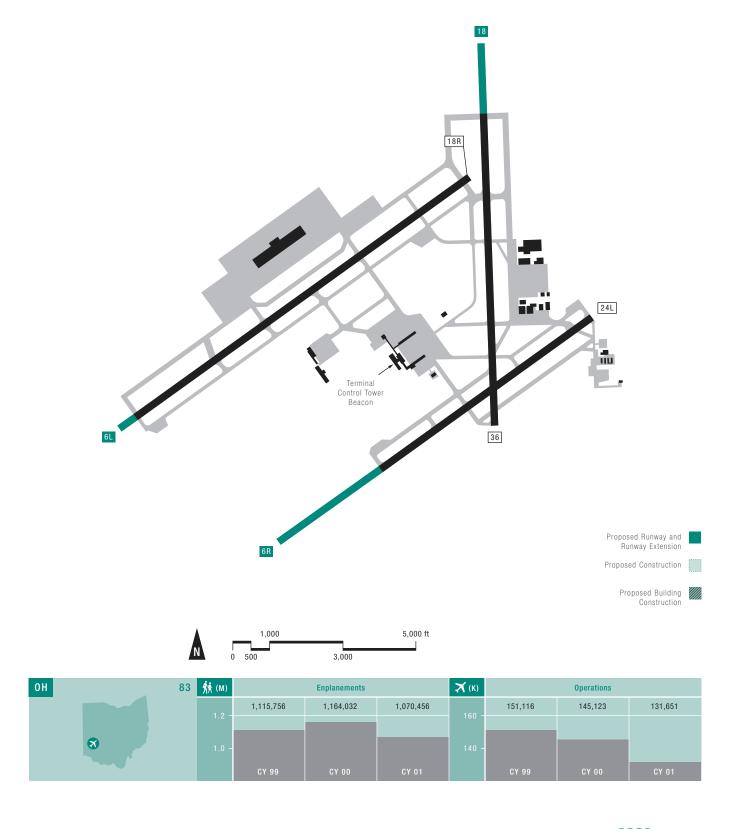


DAL - Dallas-Love Field



DAY - Dayton International Airport

Future plan revisions under consideration are: a northerly shift of Runway 18/36 including an extension to Runway 18 end to provide a total length of 9,500 ft.; an additional extension to Runway 6R end to provide a total length of 11,000 ft.

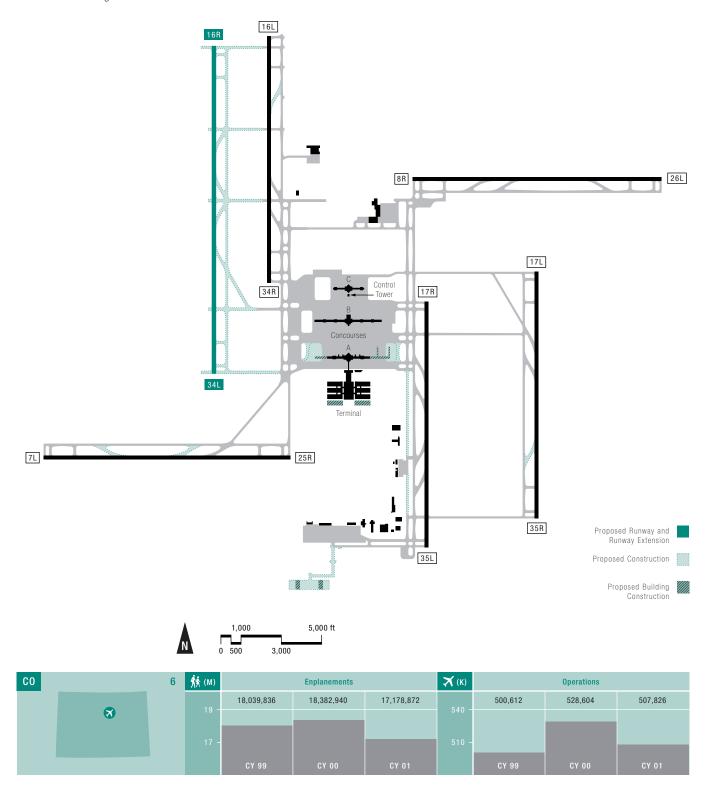


DCA - Ronald Reagan National Airport



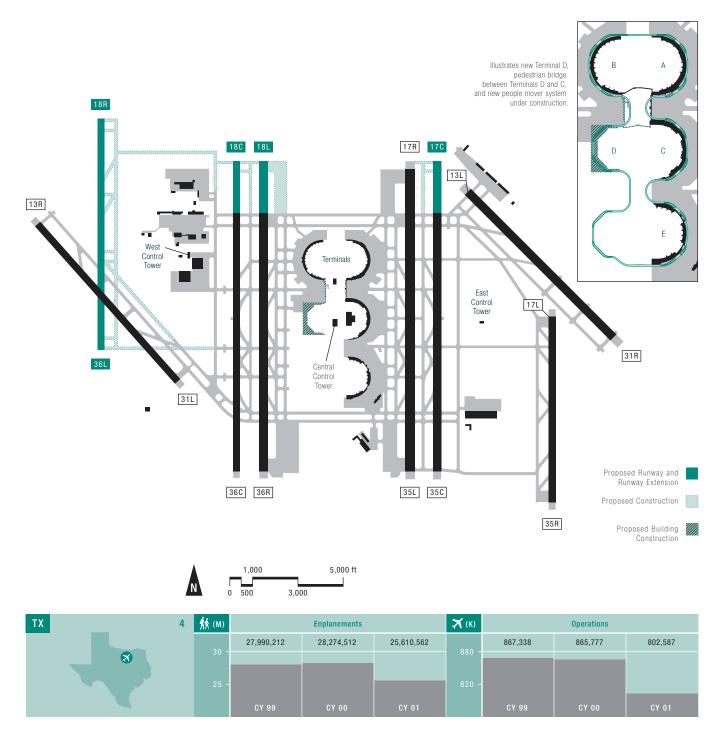
DEN - Denver International Airport

Runway 16R/34L is the last of the six original runways to be built at the new airport. It will be separated 2,600 ft. from Runway 16L/34R, and be 16,000 ft. in length and is designed to accommodate Group VI aircraft. The runway is under construction and is expected to be completed in 2003 at an estimated cost of \$150 million. Other airfield construction being completed in FY 2002 includes cross-field Taxiway EA and a new de-icing Pad J.



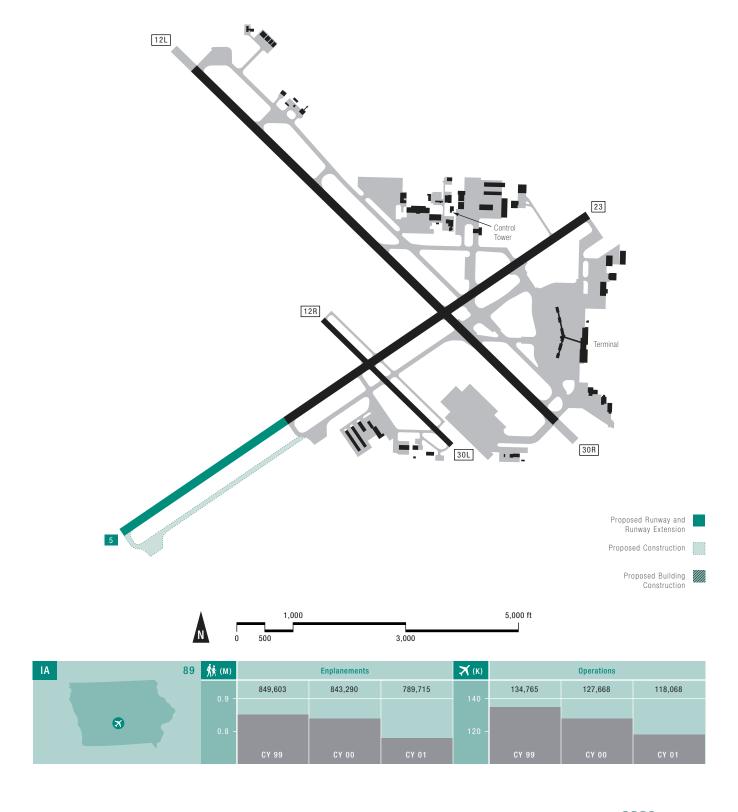
DFW - Dallas-Fort Worth International Airport

Proposed 2,000-ft. extensions to all of the north/south parallel runways will provide an overall length of 13,400 ft. for each. All extensions are expected to be completed by 2005. The estimated cost of the extensions is \$95 million. A terminal expansion program has recently been completed that added five new jet departure gates to the south side of Terminal 2W; provided baggage and passenger connections to Terminal 2E; and renovated a portion of Terminal 2W. Construction on the new west runway, Runway 18R/36L, will begin when warranted by aviation demand. It could be available as early as 2005. The estimated cost is \$400 million. It will be located 5,800 ft. west of the existing Runway 18R/36L (to be renamed 18C/36C), and will be used primarily for arrivals. The addition of Runway 18R/36L will allow DFW to accommodate quadruple simultaneous precision instrument approaches.



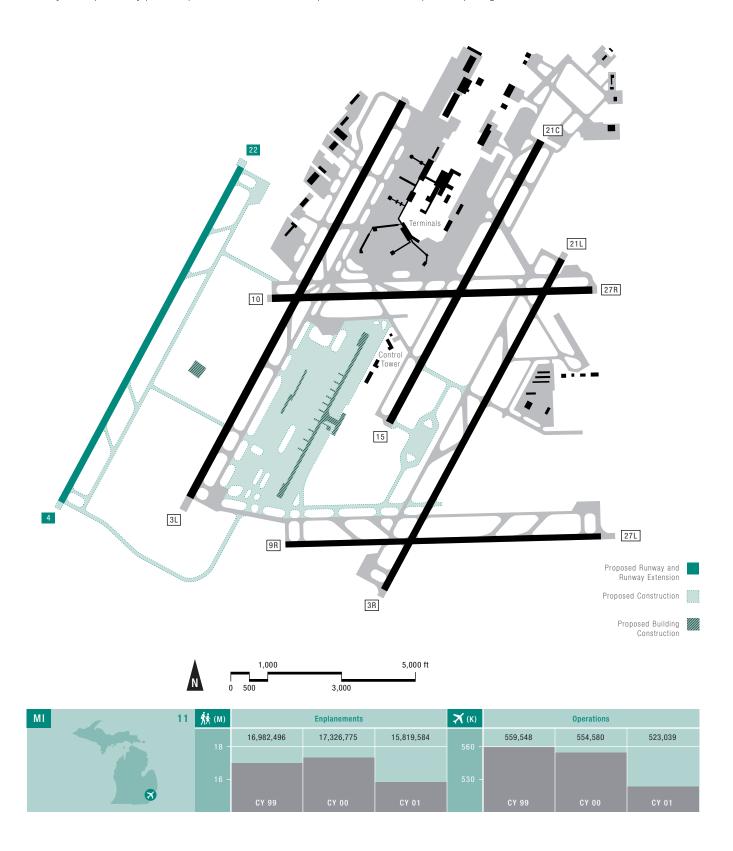
DSM - Des Moines International Airport

Construction began in 1997 for a southwest extension of Runway 5/23, and was completed in 2001. Cost for construction is estimated at \$31 million, with an additional estimated \$23 million for road relocation.



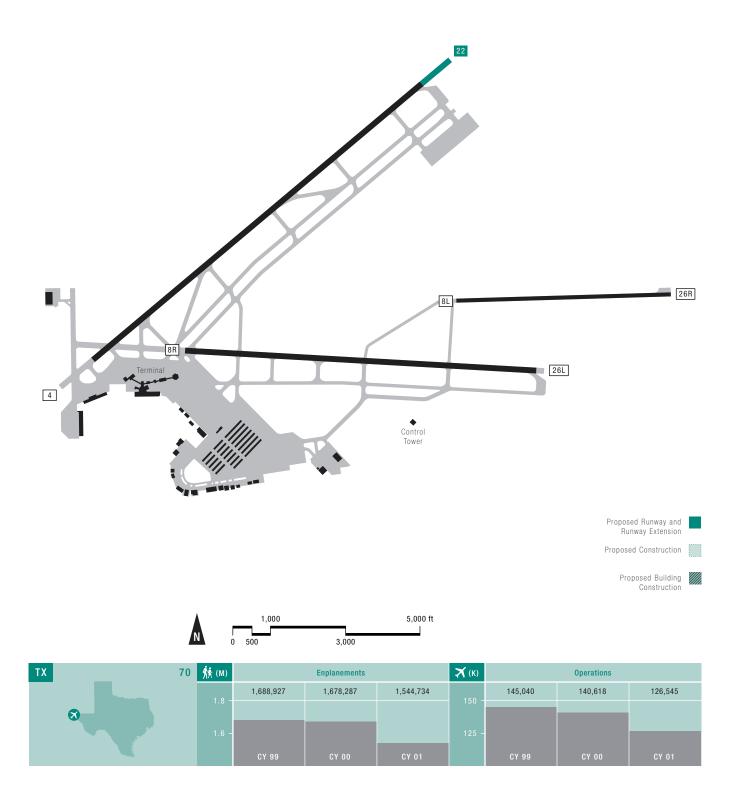
DTW - Detroit Metropolitan Wayne County Airport

A fourth north-south parallel, Runway 4/22 began in 1999 and was completed in 2001. The cost of construction was \$116.5 million. This runway could potentially permit triple IFR arrivals with one dependent and one independent pairing.



ELP – El Paso International Airport

Passenger Facility Charge collection was completed for the 1,000-ft. extension of Runway 22. The estimated cost is \$7 million.



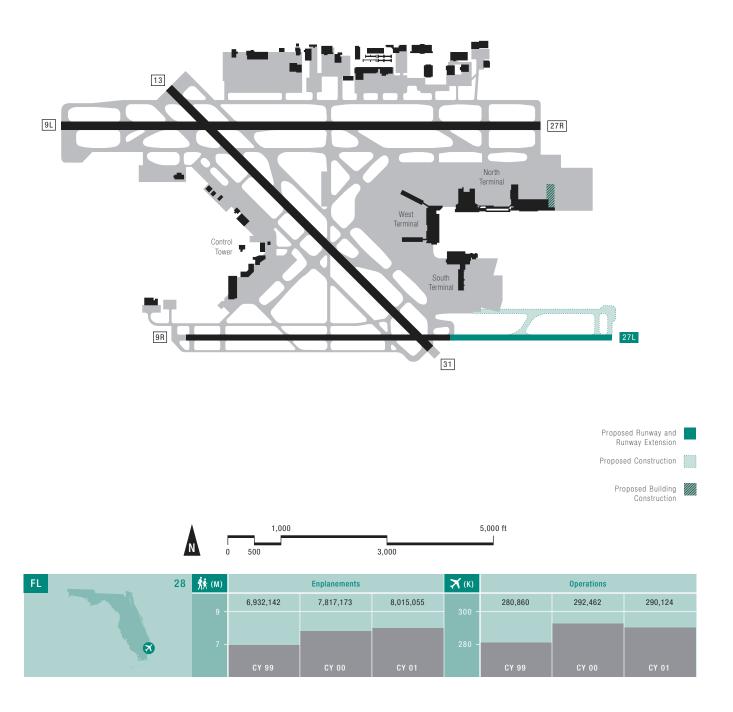
EWR - Newark Liberty International Airport

A 2,800 foot extension to Runway 4L/22R (4L extension of 1,000 feet, 22R extension of 1,800 feet) has recently been completed.



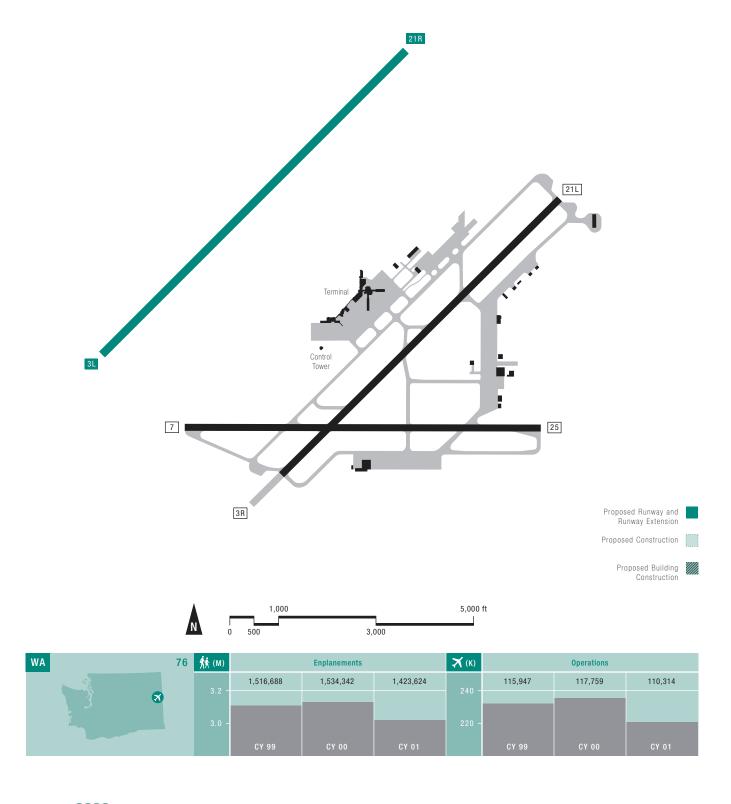
FLL – Fort Lauderdale-Hollywood International Airport

An extension of the short parallel Runway 9R/27L to 9,000 ft. is planned to provide the airport with a second parallel, air carrier runway. Construction is expected to begin in 2003. The estimated cost of construction is \$300 million. The anticipated operational date is 2005. The extended runway would be used for arrivals and departures and would allow dual dependent IFR arrivals of all types of aircraft.



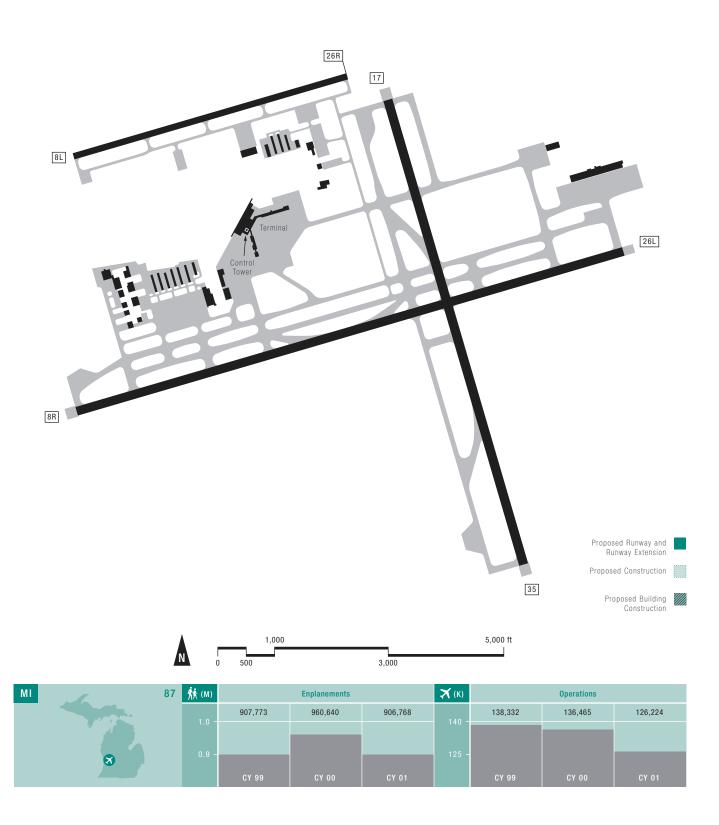
GEG - Spokane International Airport

The long-term future plan is to construct a new parallel Runway 3L/21R, 8,800 ft. long and separated from Runway 3R/21L by 4,400 ft. This would enable independent parallel operations, doubling hourly IFR arrival capacity.



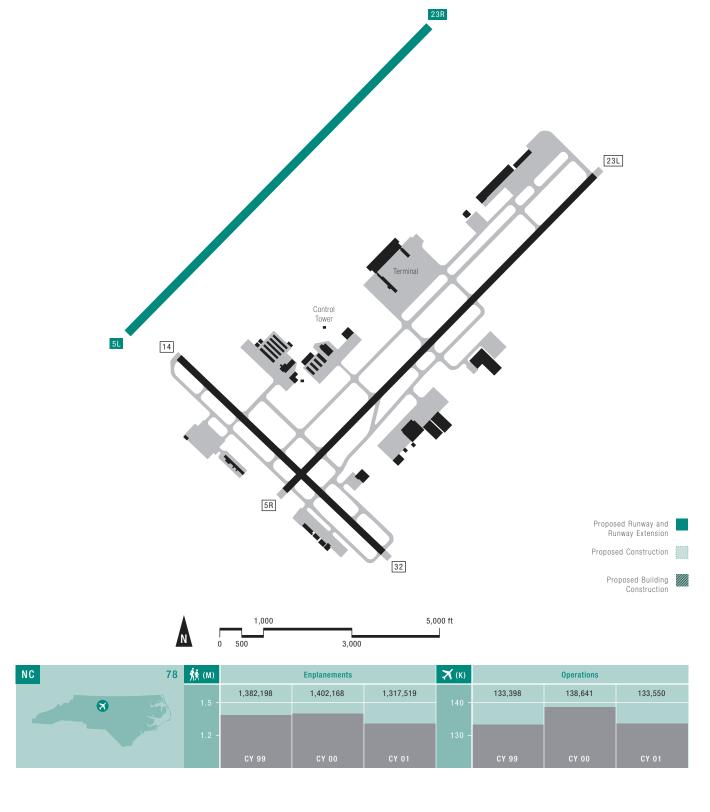
GRR - Gerald R. Ford International Airport

A new 7,000-ft. parallel Runway 8L/26R is planned for future development. The current 8L/26R would be converted into a taxiway at that time. There are no immediate plans to construct Runway 8L/26R. This is a long-term proposal in 10-20 years.



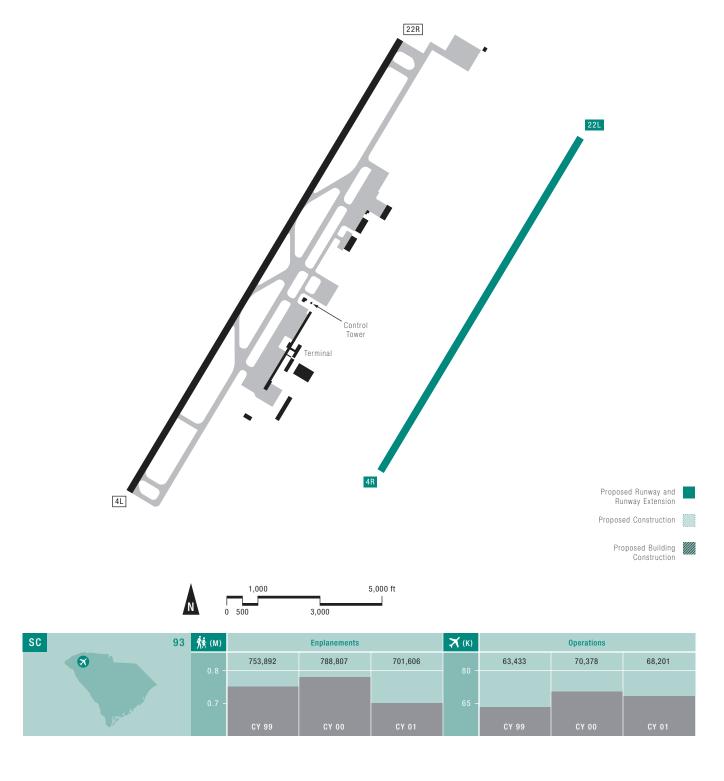
GSO - Greensboro Piedmont Triad International Airport

Construction of a new 10,000 ft. parallel Runway 5L/23R, 5,300 ft. north of Runway 5/23, is being planned. An EIS was completed in 2001. It is expected to be operational by 2004. The estimated cost is \$96 million. The new runway would allow dual independent arrivals and departures in all weather conditions.



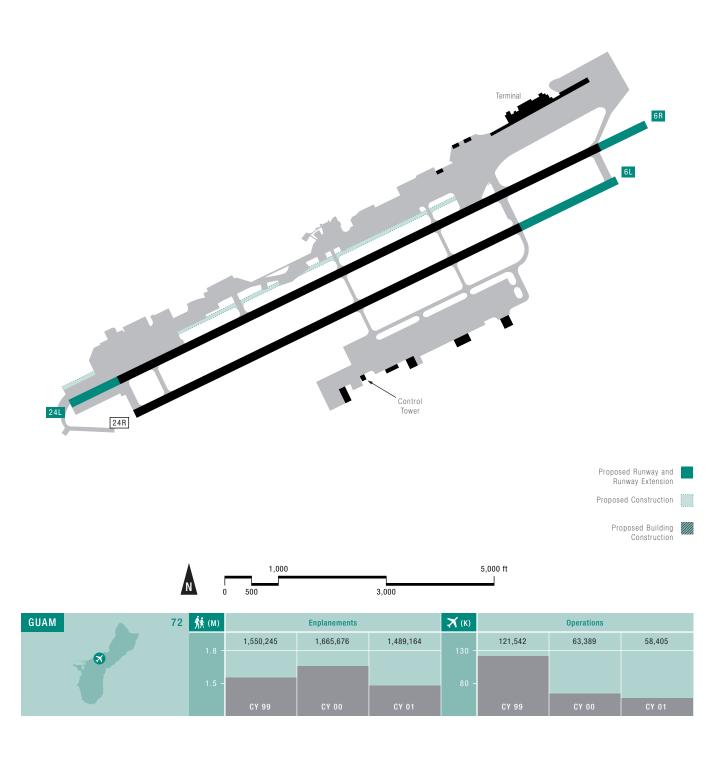
GSP - Greenville-Spartanburg International

A new 8,200-ft. parallel Runway 3R/21L is anticipated in 2010 at an estimated cost of \$65 million. Presently, it is planned to have a 4,300-ft. separation from Runway 3L/21R. This would allow dual independent IFR arrivals, potentially doubling hourly IFR arrival capacity. Also, an extension of Runway 3L/21R to 11,000 ft. was completed in 1999 at a cost of \$57.6 million. The extension allows departures of aircraft with larger payloads and/or greater haul-lengths.

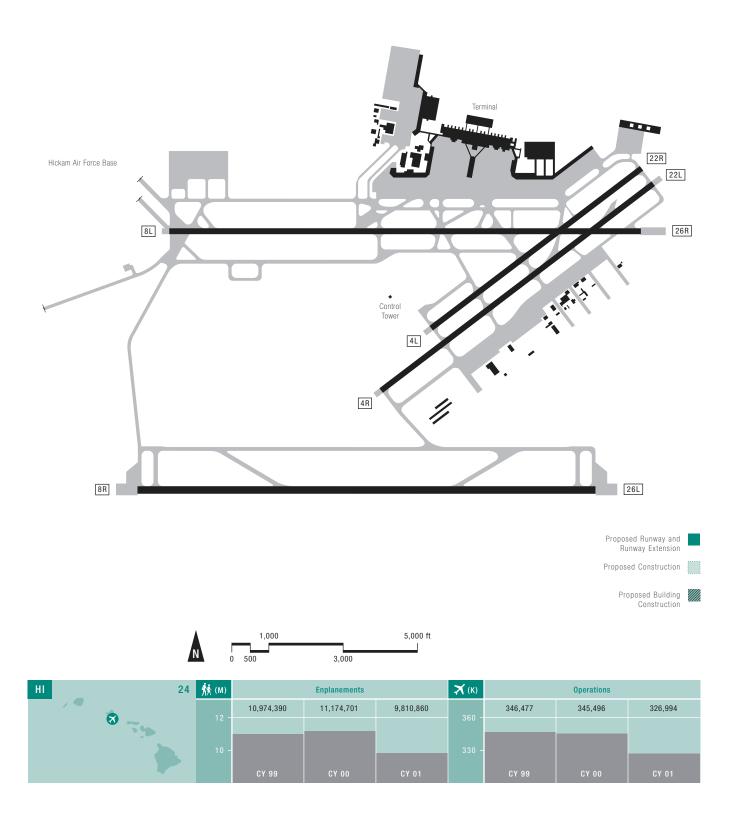


GUM - Guam International Airport

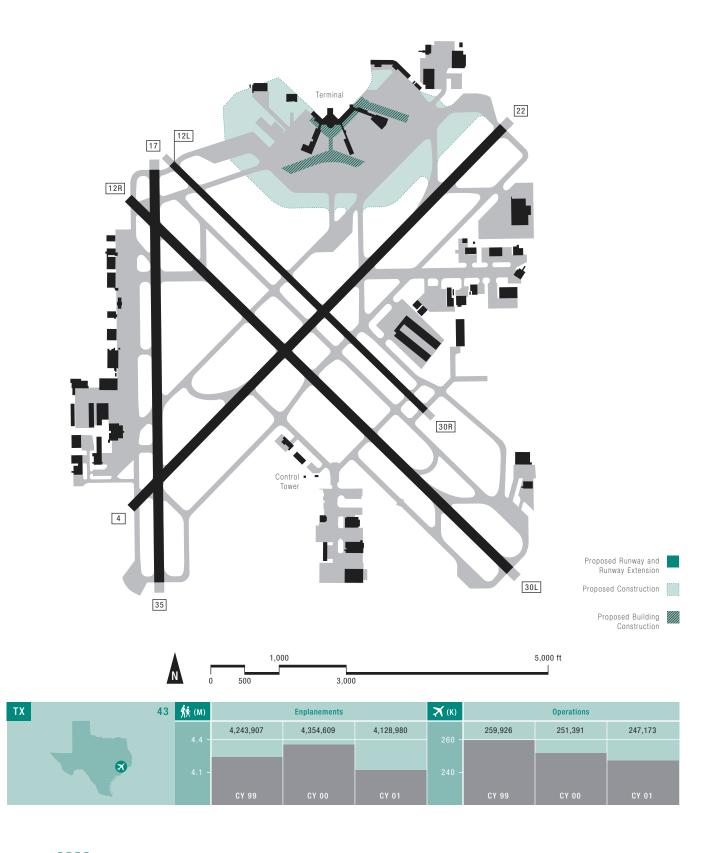
Extensions to both Runway 6L/24R and Runway 6R/24L are proposed. The 2,000 ft. extension to Runway 6L/24R has a proposed operational date of 2004. The 3,000 ft. extension to Runway 6R/24L has a proposed operational date of 2010. Both runway extensions are expected to cost \$30 million each.



HNL - Honolulu International Airport

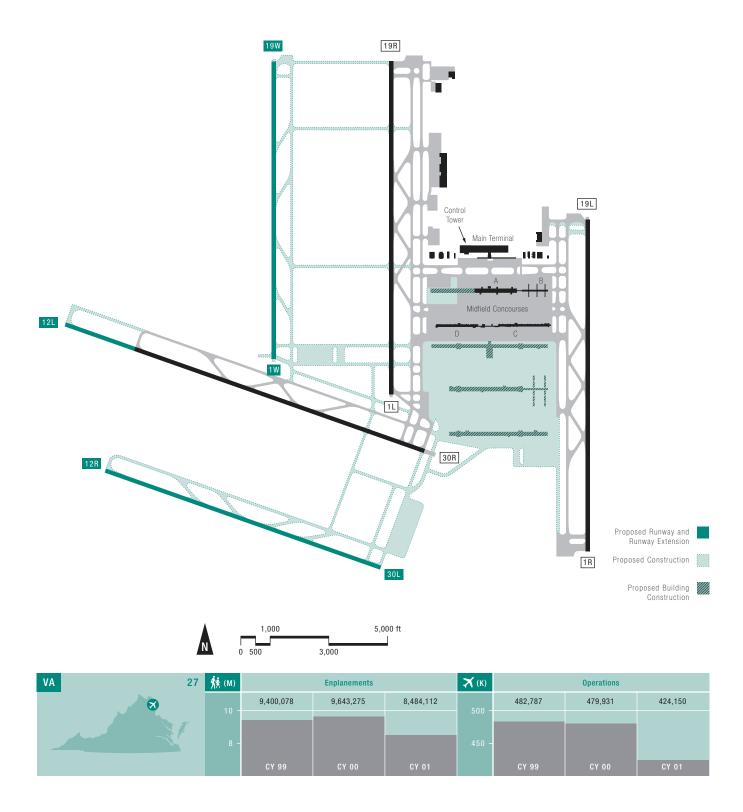


HOU - Houston William P. Hobby Airport



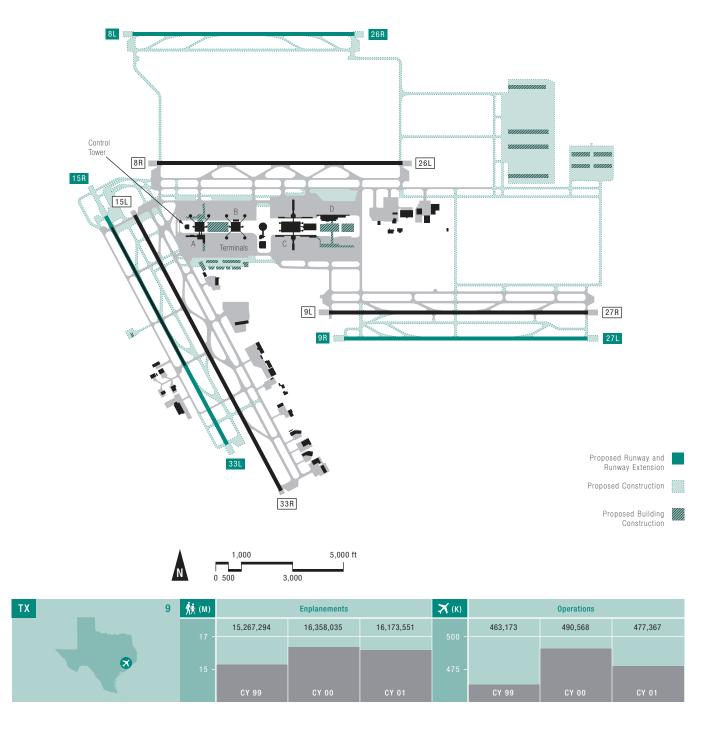
IAD - Washington Dulles International Airport

Two new parallel runways are under consideration. A north-south parallel Runway 1W/19W, would be located west of the existing parallels and north of Runway 12/30. This could provide triple independent parallel approaches, if they are approved. A second parallel Runway 12R/30L has been proposed for location southwest of Runway 12/30. The cost to build the two runways is estimated at \$400 million.



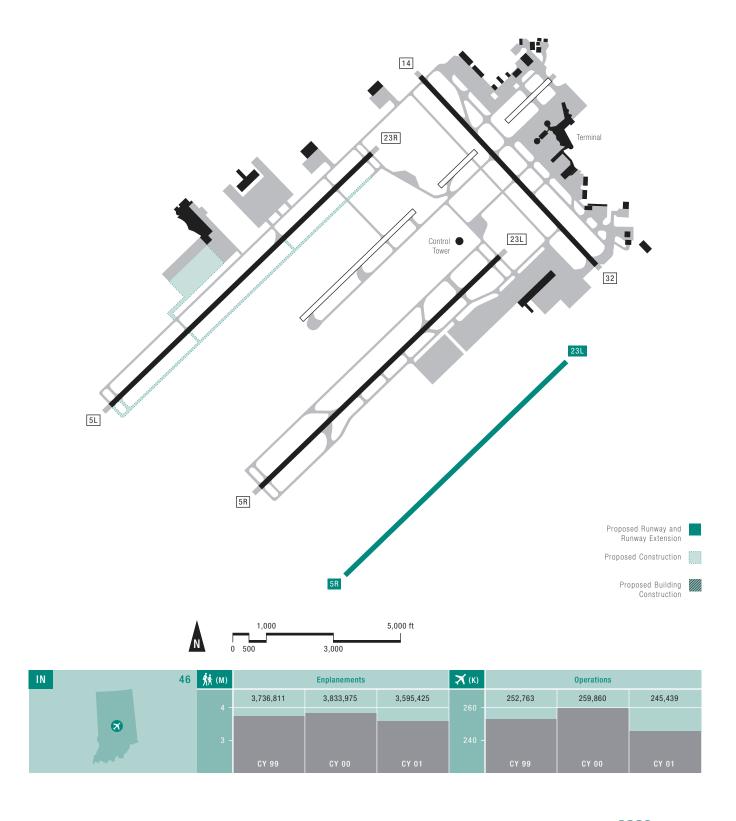
IAH - George Bush International Airport

An \$85 million, 4,000-ft. extension to Runway 15R/33L is planned for the year 2002. A new Runway 8L/26R is planned to be parallel to, and north of, the existing Runway 8/26. Commissioning is tentatively scheduled for the year 2003. Runway 8L/26R, in conjunction with Runways 9L/27R and 8R/26L, has the potential to support triple IFR approaches, if approved. Another new runway, 9R/27L, parallel to and south of Runway 9/27, is also planned in the distant future. Construction is expected to cost \$260 million for Runway 8L/26R.

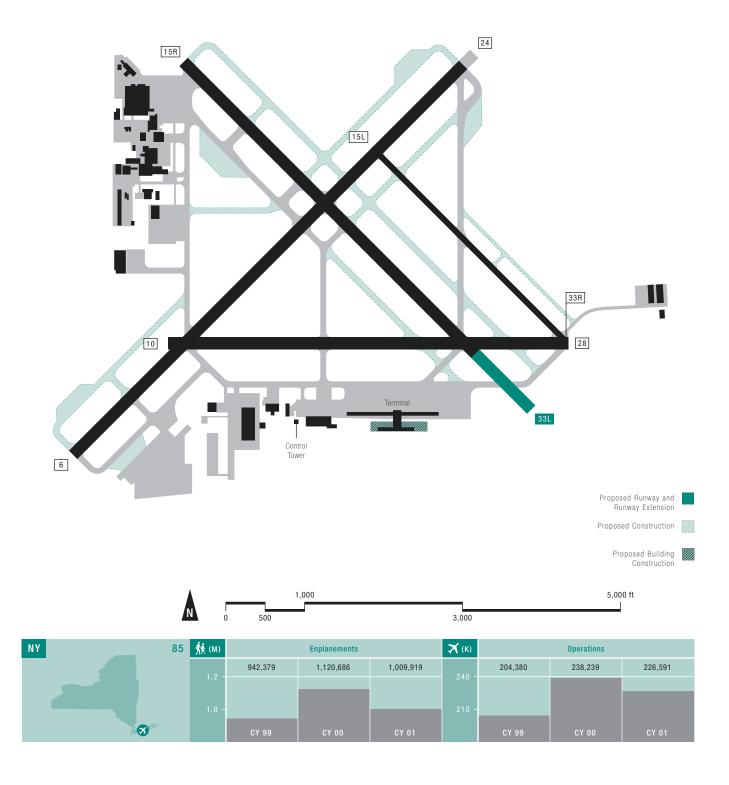


IND - Indianapolis International Airport

A third parallel Runway 5R/23L, is planned south of existing Runway 5R/23L (to be renamed 5C/23C). Estimated project cost is \$80 million, and the expected operational date is 2008. Taxiway "N" was put into service in October 1999 at a total cost of \$7.6 million.

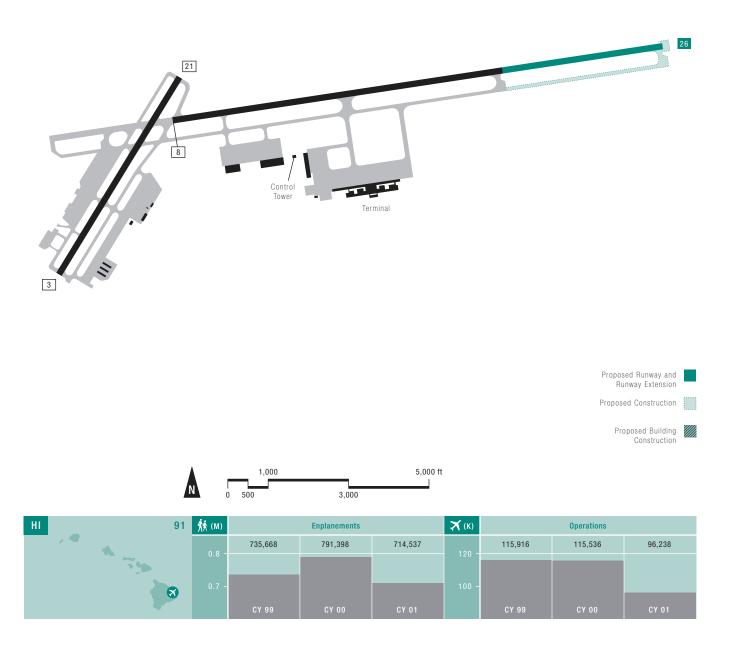


ISP - Islip Long Island MacArthur Airport

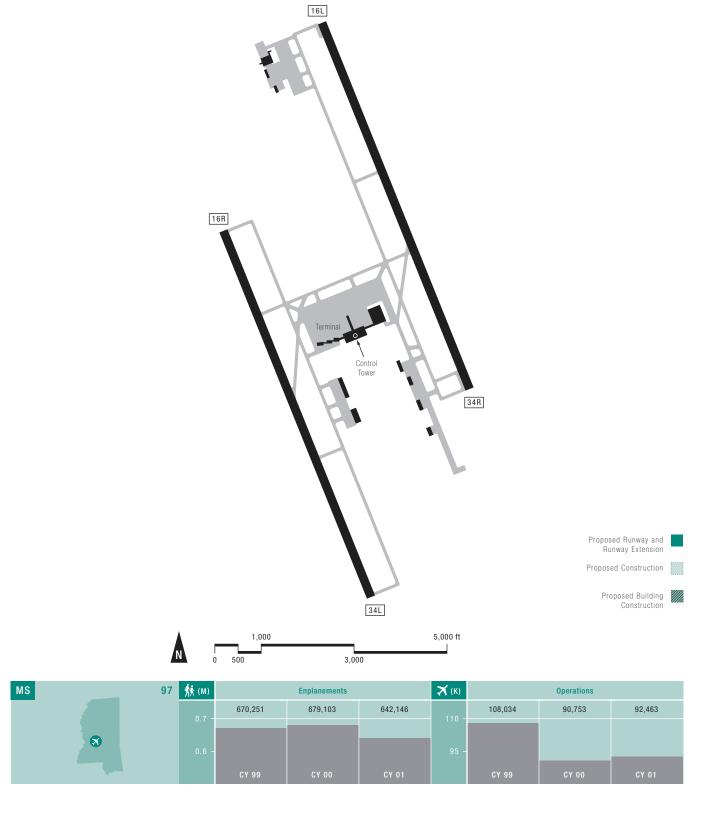


ITO - Hilo International Airport

A 2,200 ft. east extension of Runway 8/26 is proposed for development by between 2011 and 2020.

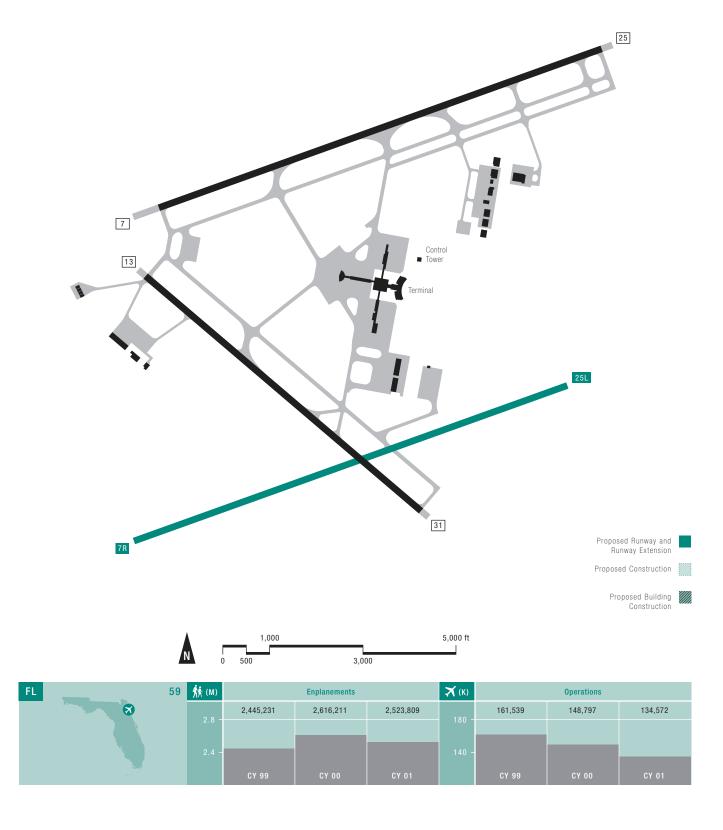


JAN - Jackson International Airport



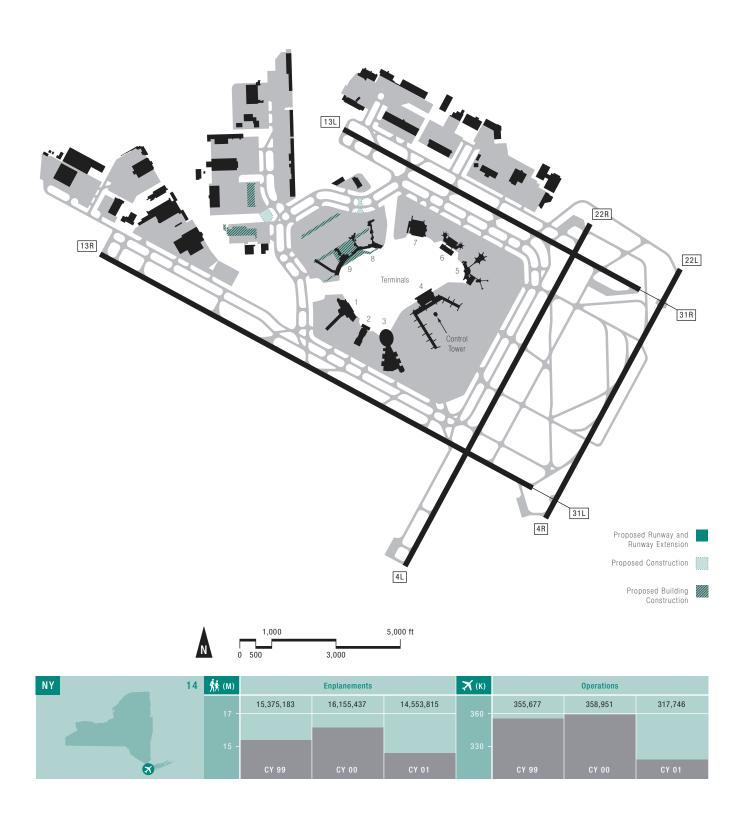
JAX – Jacksonville International Airport

A new parallel Runway 7R/25L is being planned. It will be 6,500 ft. south of the existing Runway 7/25, permitting independent parallel IFR operations and potentially doubling Jacksonville's hourly IFR arrival capacity. Construction is scheduled to begin in 2010, with completion expected in 2011. The estimated cost of construction is \$50 million.

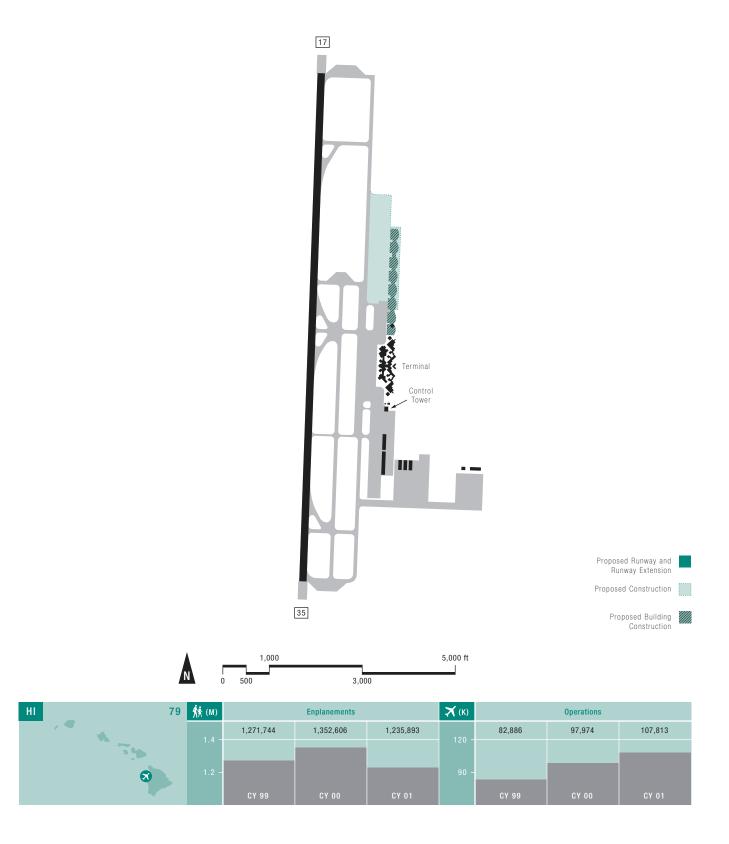


JFK - New York John F. Kennedy International Airport

Construction to widen runway 4R/22L from 150 ft. to 200 ft. was completed in early November 2002. Reconstruction plans for Runway 13R/31L will start and be completed in 2005. No estimates of cost are available at this time.

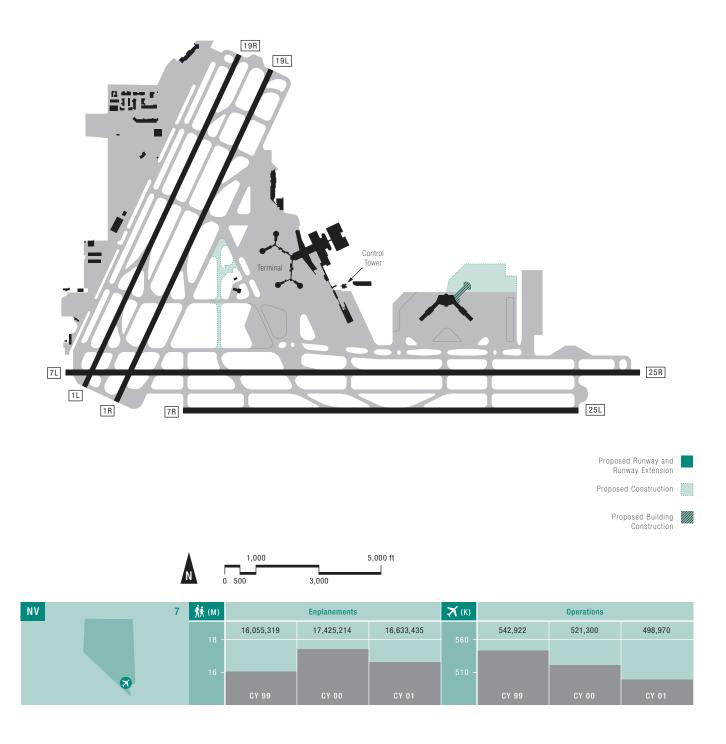


KOA – Kona International Airport at Keahole



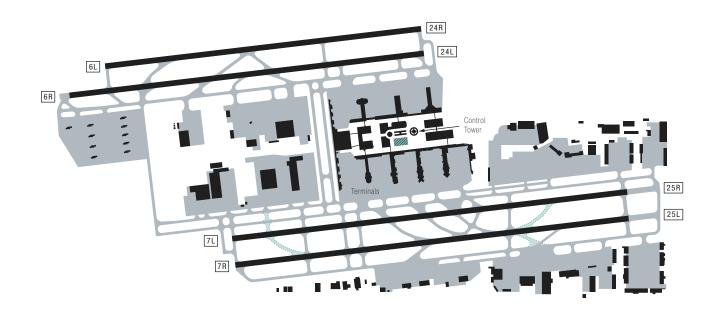
LAS - Las Vegas McCarran International Airport

Construction plans are underway to construct 3,000 feet of taxiway north of taxiway B, with connections to taxiways G and D. This project is estimated to cost \$23.3 million. Plans for terminal development include construction of an apron and taxi lane to support a 12-gate expansion of the D concourse. The apron and taxi lane work is estimated to cost \$20 million, and construction of the terminal building, estimated to cost \$80 million, may not commence until after December 31, 2002.

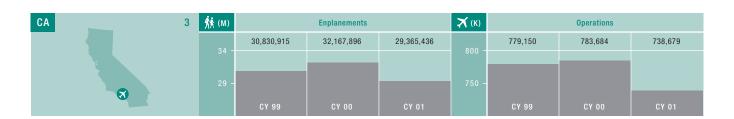


LAX – Los Angeles International Airport

Taxiway exits and a new parking structure are planned at this airport.

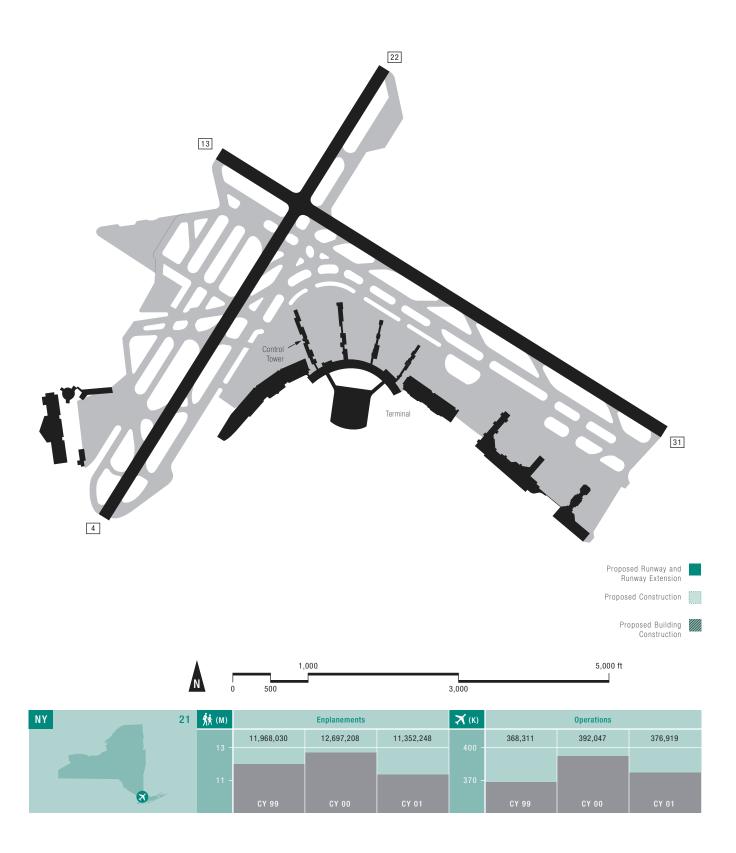




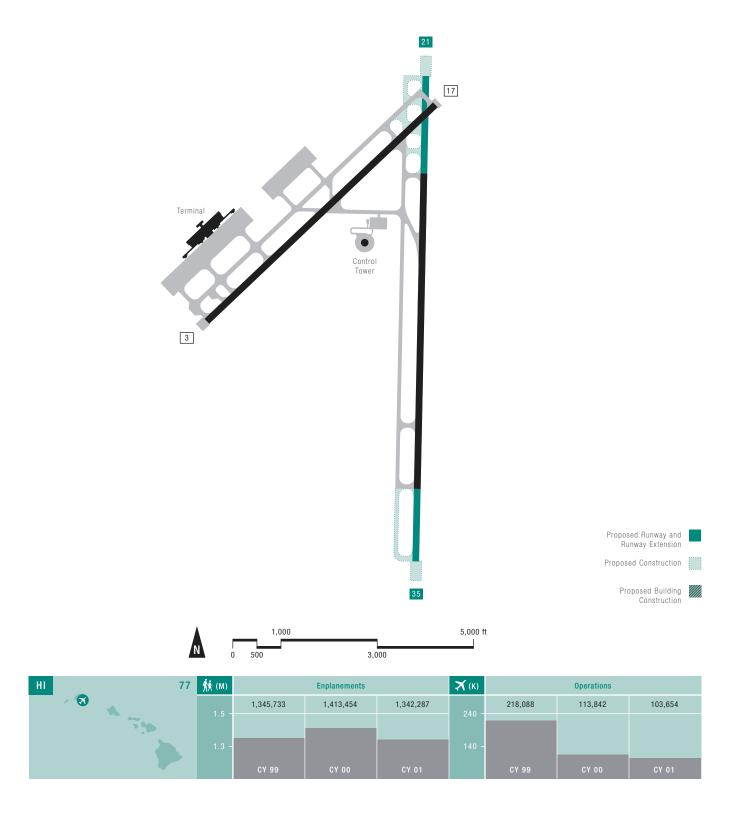


3,000

LGA - New York LaGuardia Airport

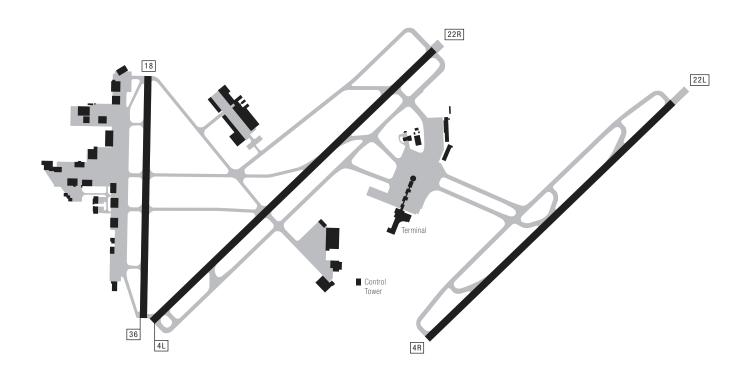


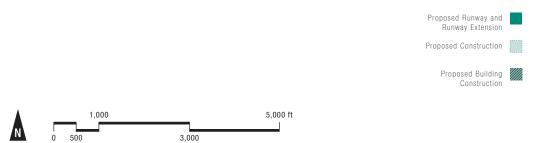
LIH – Lihue Airport



LIT - Little Rock Adams Field

An extension of Runway 4L/22R was completed in late 1998.

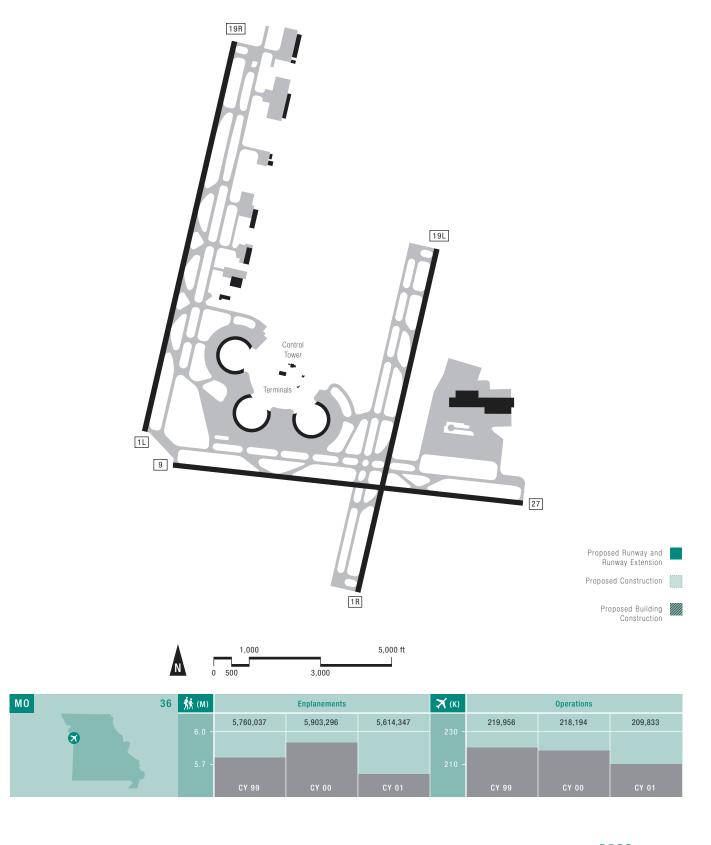




AR	80 ½ (M)		Enplanements			≯ (K)	Operations		
		1.4 -	1,292,507	1,276,145	1,211,753	190 -	181,958	174,802	176,067
		1.4							
		1.2 -				160 -			
			CY 99	CY 00	CY 01		CY 99	CY 00	CY 01

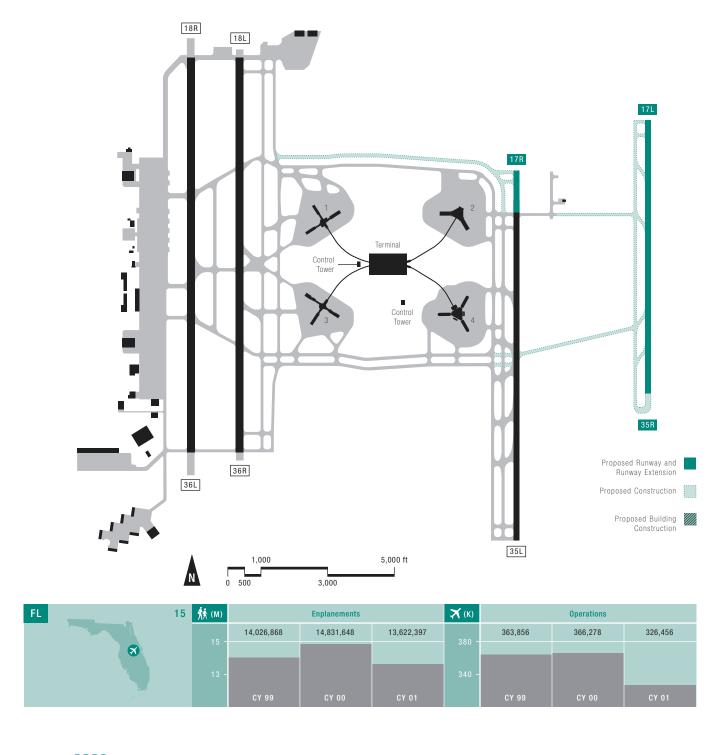
MCI - Kansas City International Airport

In accordance with the Airport Master Plan, an extension of Runway 1L/19R is currently planned for the future. One additional parallel runway west of the existing north-south runway is being considered after 2020.

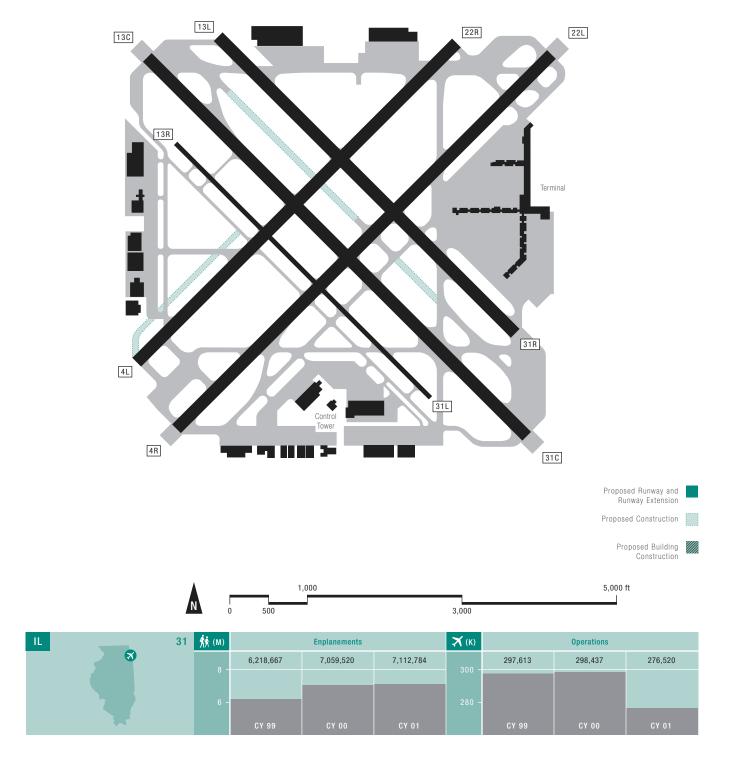


MCO - Orlando International Airport

A new 9,000 ft. fourth parallel Runway 17L/35R that will allow simultaneous triple flow instrument approaches will be open for operations in 2003. The cost of the runway is \$203 million. It will be located 4,300 ft. east of existing Runway 17R/35L which has a 1,000-ft. extension planned to prevent aircraft from obstructing the Runway 17R approach. A new Air Traffic Control Tower is under construction and will be one of the tallest towers in the USA. A new north cross-field taxiway has been completed and is now operational. A fourth airside passenger terminal located in the North Terminal area has been completed and is now open. The first phase of a new South Terminal is now in the design stage and will open in 2005.

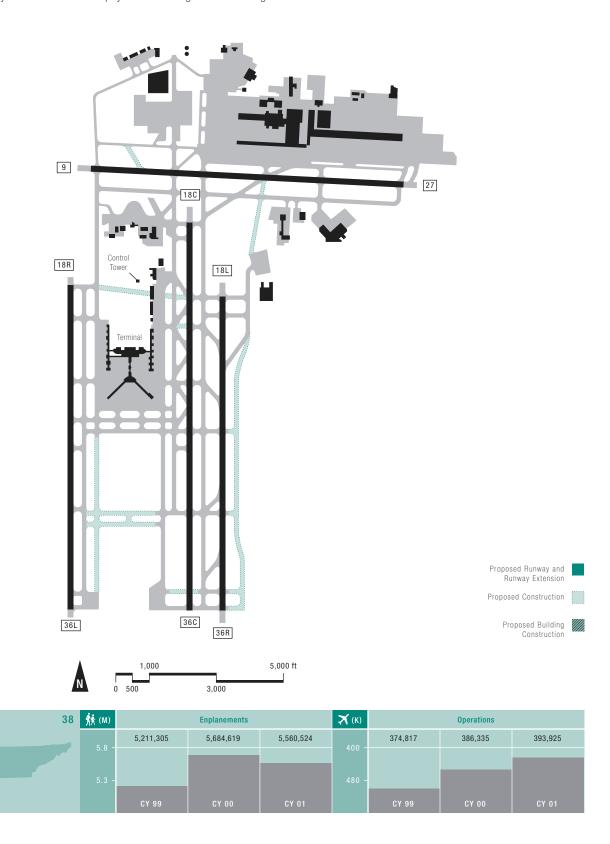


MDW - Chicago Midway Airport



MEM - Memphis International Airport

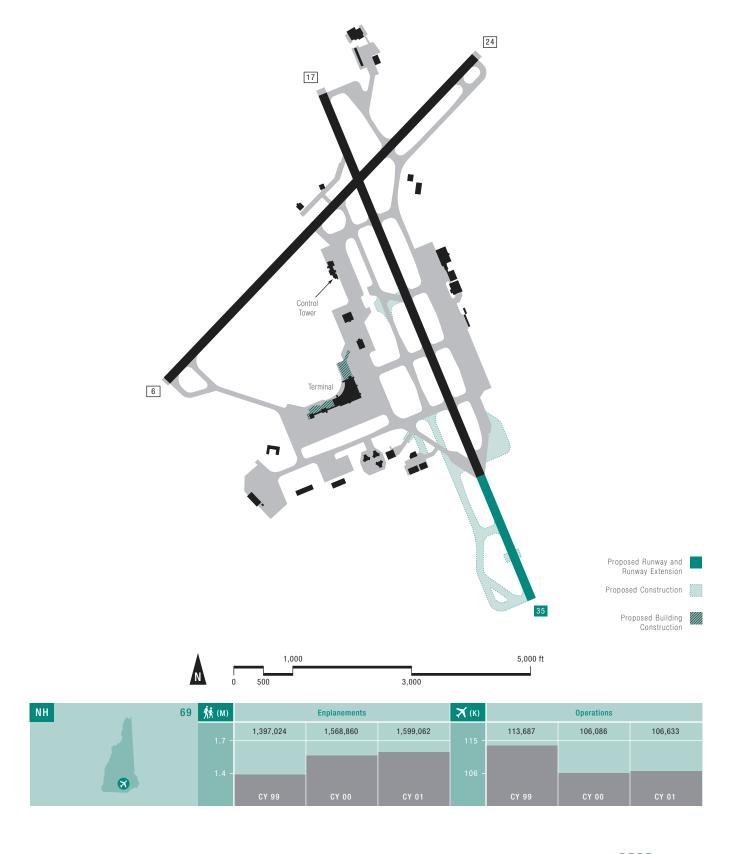
A reconstruction and extension of Runway 18C/36C was recently completed at an estimated cost of \$103 million. The extended runway will allow departures by aircraft with heavier payloads and/or greater haul-lengths.



8

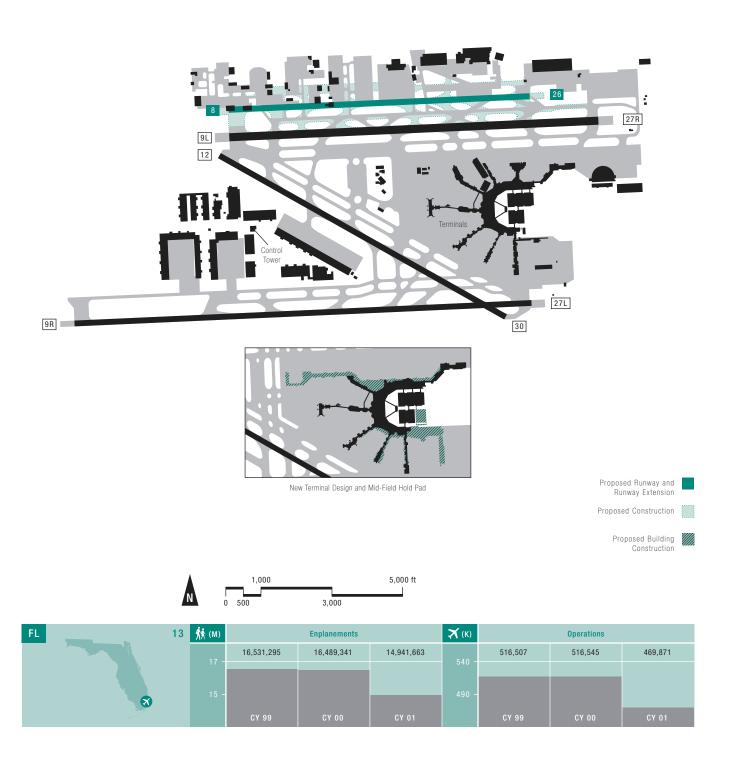
MHT - Manchester Airport

Current plans call for the reconstruction and extension of Runway 17/35 that includes a 2,250 extension of Runway 35 to the South. Taxiway "A" will also be extended.



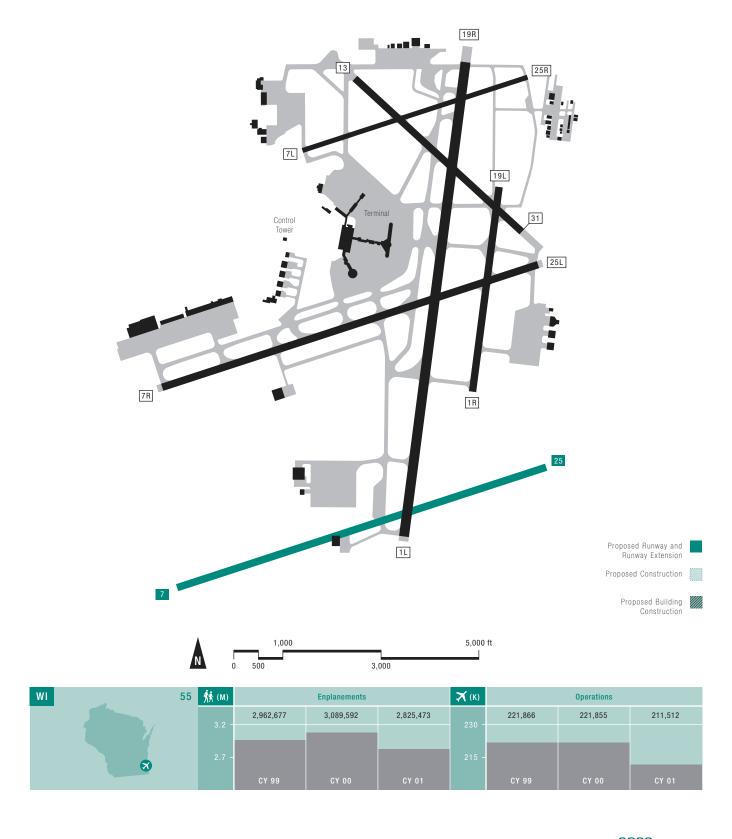
MIA - Miami International Airport

Construction of a new air carrier Runway 8/26, 8,600 ft. long and 800 ft. north of existing Runway 9L/27R, is estimated to be completed by 2003. The estimated cost of construction is \$206 million. An EIS was completed in December 1998. The new Runway is planned for use primarily as an arrival runway in VFR and non-precision IFR conditions.



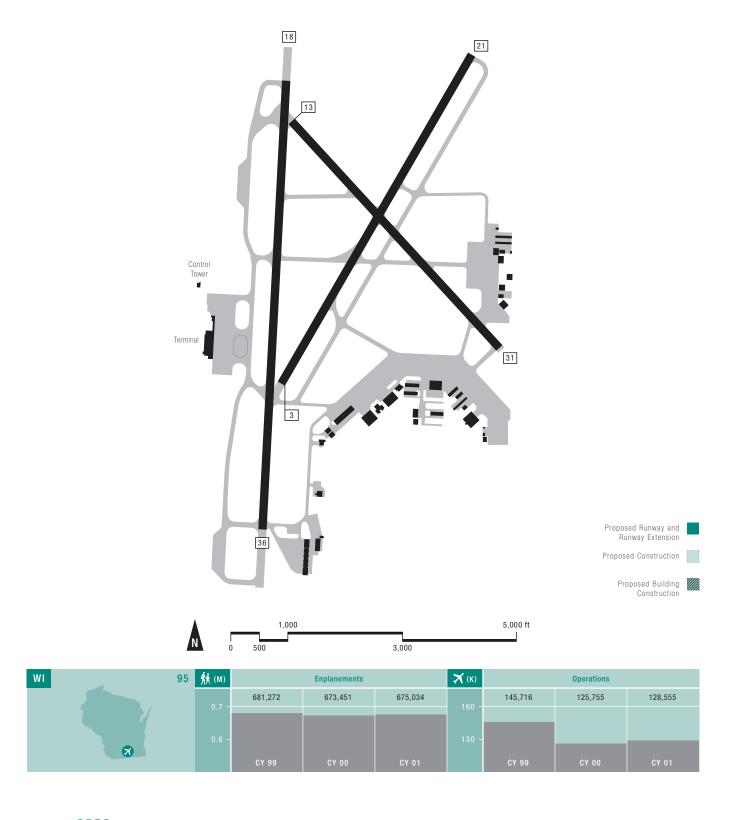
MKE - Milwaukee General Mitchell International Airport

A 700-ft. extension to Runway 7L/25R was completed in the summer of 1998. Extension of this runway from 4,100 ft. to 4,800 ft. will accommodate commuter aircraft and delay the need for a third parallel runway until about the year 2015.



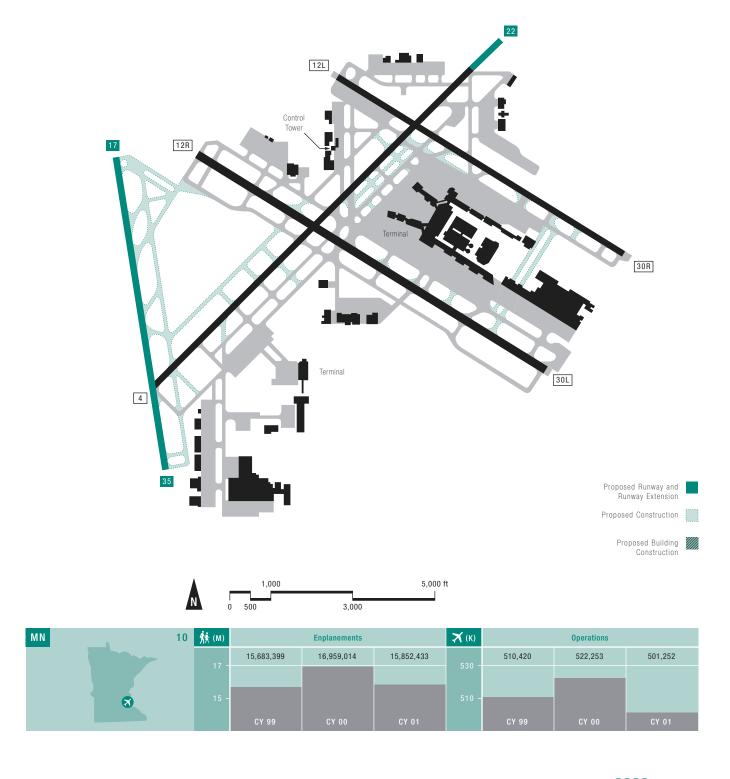
MSN - Madison/Dane County Regional Airport

The airport is currently undertaking an Environmental Assessment (EA) for the Runway Safety Area of the Runway 13/Runway 18 Approaches. Presently Runway 13 does not meet FAA Runway Safety Area design criteria due to railway, waterway, and perimeter road intrusions. The actions proposed under the EA will correct design deficiencies of the Runway Safety Area, clear up pavement marking discrepancies on Runway 13, and provide for clear approaches to Runway 13 and 18.



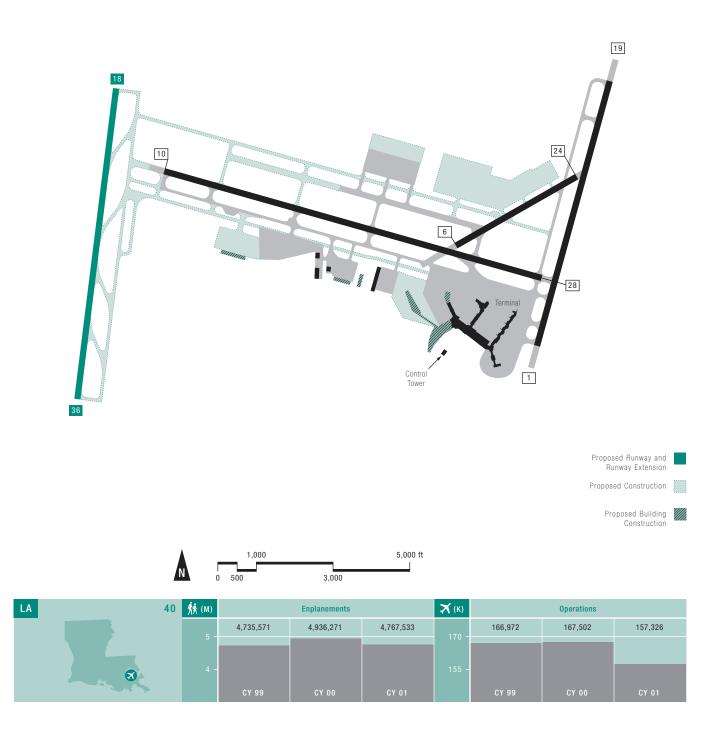
MSP - Minneapolis-St. Paul International Airport

Construction of the proposed 8,000 ft. Runway 17/35, at a cost of \$490 million, will reduce the projected 2020 annual delay cost from \$66 million to \$38 million. The runway is expected to be operational in 2004 and will be used primarily for departures to the south and arrivals from the north. Construction of a 1,000 ft. extension to the northeast end of Runway 4/22 is planned.



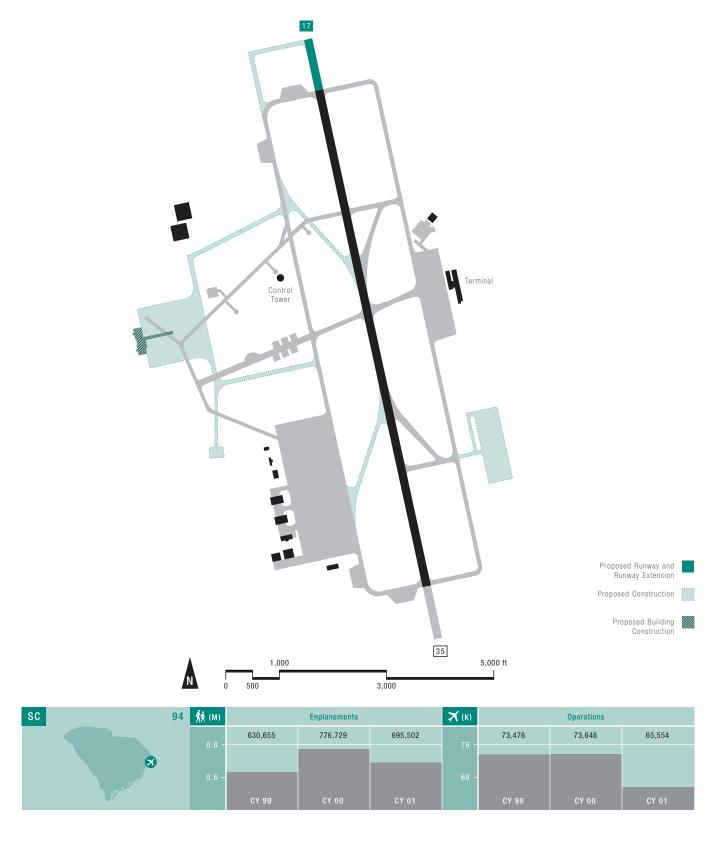
MSY - Louis Armstrong New Orleans International Airport

A new north-south Runway 18/36, is planned. This new runway will be nearly parallel to the existing Runway 1/19 and will be located west of the threshold of Runway 10, approximately 11,000 ft. away from Runway 1/19. Pending environmental findings and funding availability, it is expected that the runway will be completed around 2010.

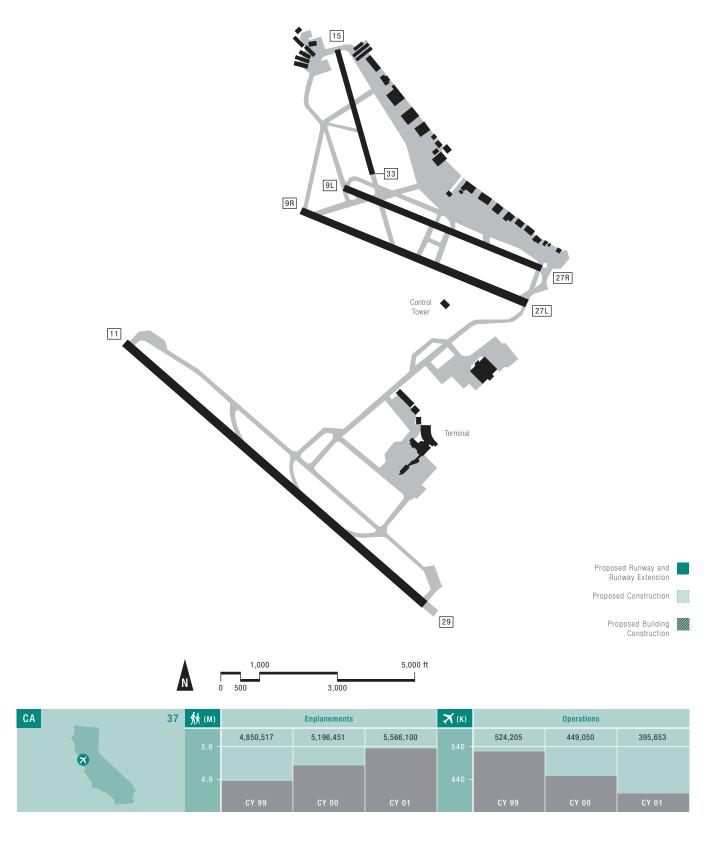


MYR - Myrtle Beach International Airport

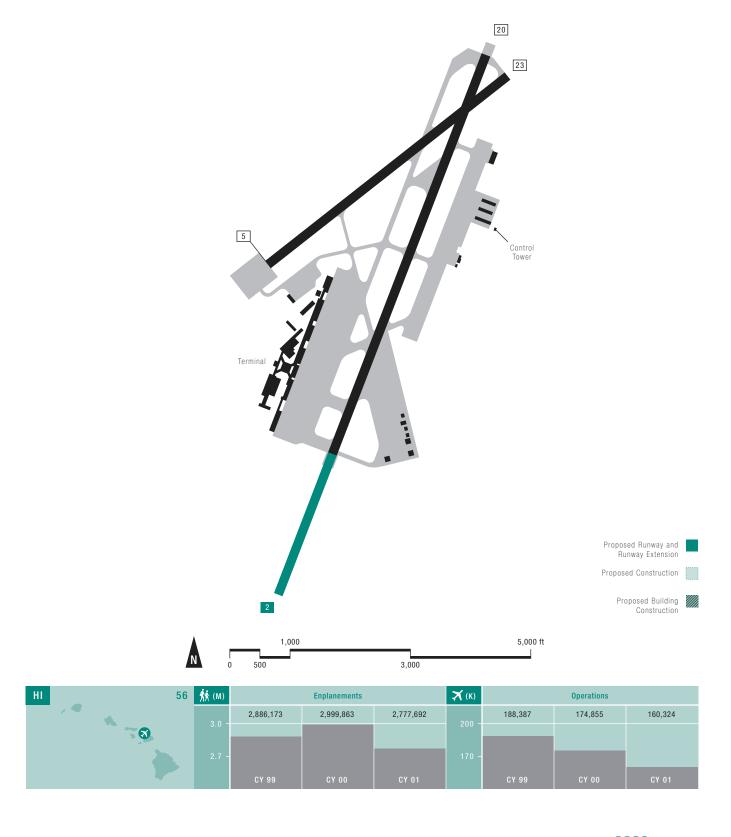
A recent Master Plan update recommends that the airport should develop a new terminal by the year 2005, extend the 9,500 ft. runway by 1,000 ft. to the north, and begin plans for a parallel runway. In the near future, Runway 17/35 will be redesigned as Runway 18/36.



OAK - Metropolitan Oakland International Airport

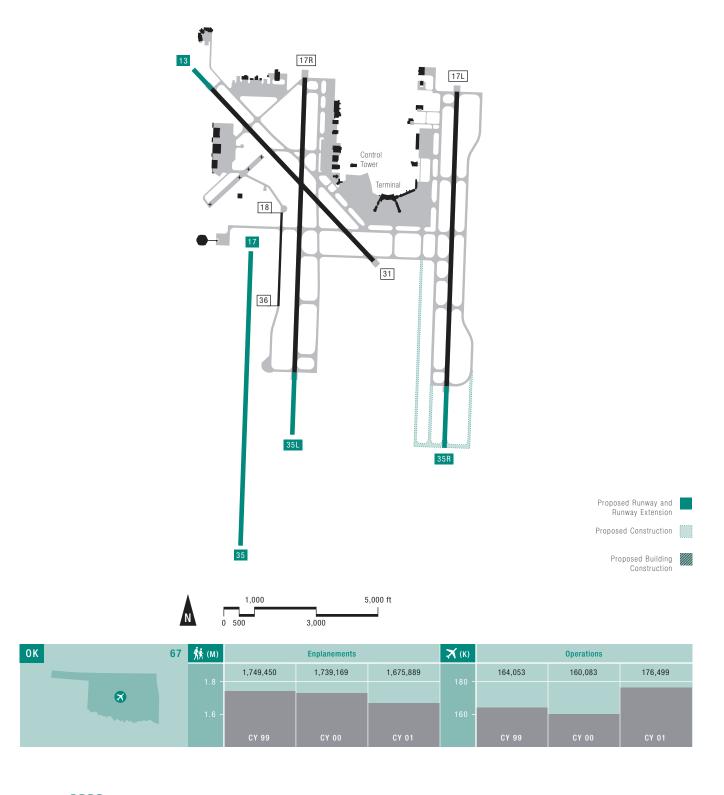


OGG - Kahului Airport



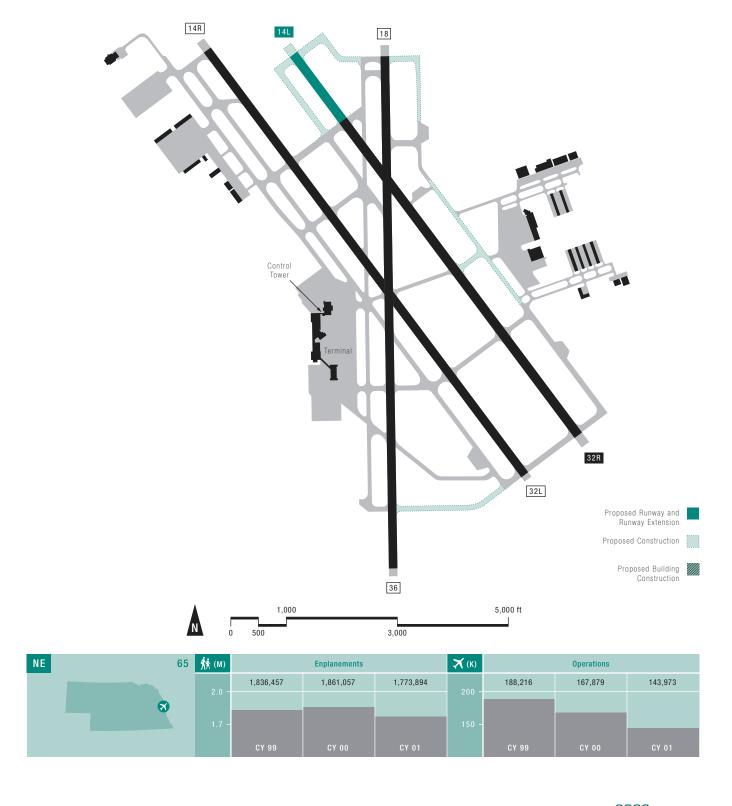
OKC - Oklahoma City Will Rogers World Airport

Construction of a new west parallel runway 1,600 ft. west of Runway 17/35 is reflected on the ALP. Estimated cost of construction is \$13 million. Extensions to both north/south runways, Runways 17L/35R and 17R/35L, are also planned. The estimated cost of extending the runways is \$8 million each. Construction of the extension to Runway 17R/35L is expected to start in 2010 and be completed by 2014. A 2,200 ft. extension to the northwest of Runway 13/31 is planned as well. Relocation of MacArthur Boulevard may begin in 2003, with runway completion in 2010. The cost is estimated at \$11.6 million.



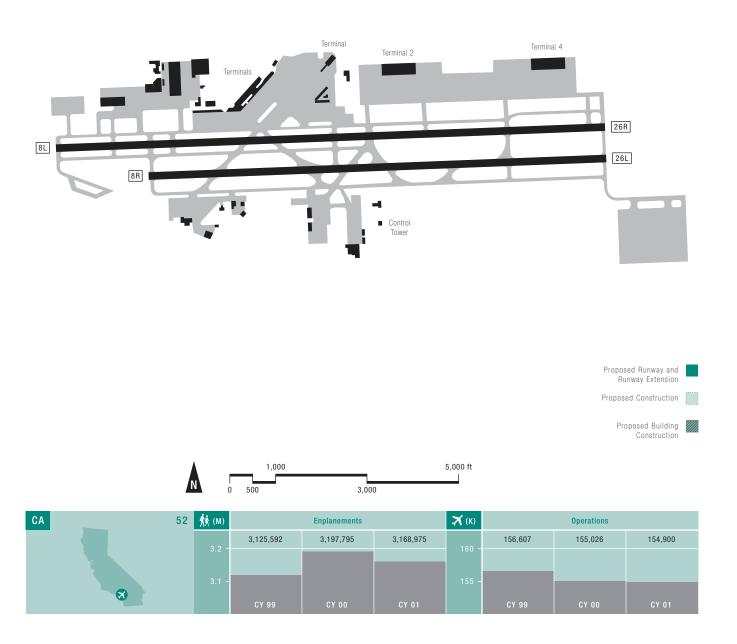
OMA - Omaha Eppley Airfield

An extension of Runway 14L/32R to 7,000 ft. is planned, and the project was approved via an LOI of \$44 million. The extension of Runway End 14L has not been funded, however, construction is planned for 2003 or 2004. Plans beyond 2007 include reconstruction of Runway 14R/32L, at an estimated cost of \$24.5 million, and the reconstruction of Runway 18/36 is estimated to cost \$8.5 million.



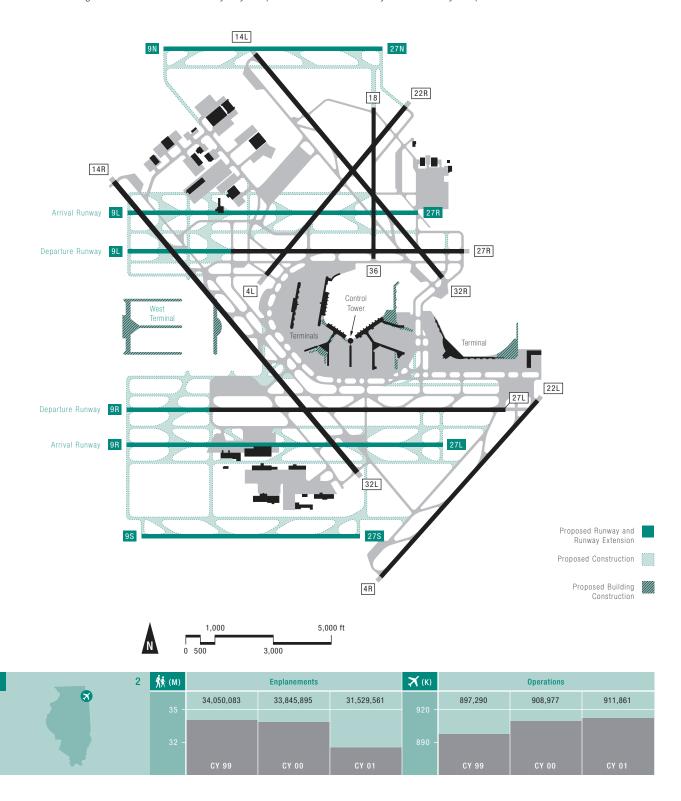
ONT - Ontario International Airport

Plans are proposed for a runway reconstruction that will be operational in 2005, at an estimated cost of \$34.2 million.



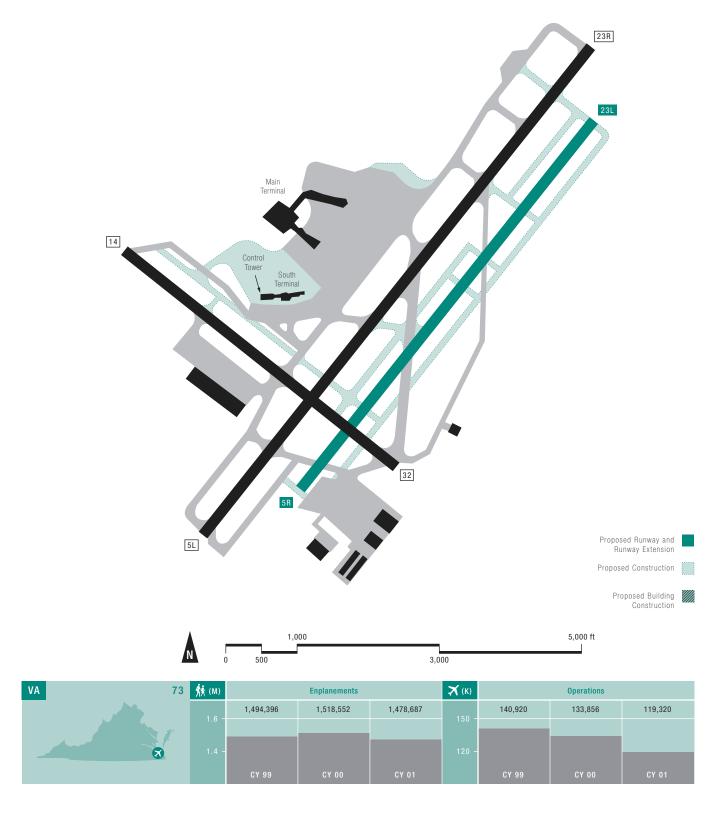
ORD - Chicago O'Hare International Airport

The O'Hare Modernization Plan currently consists of constructing one new runway and relocating three of the existing seven runways along with the required new taxiways to provide a new airfield configuration with six runways in the 9/27 direction and two in the 4/22 direction. Airfield construction, estimated at \$2.5 billion, will be phased over several years with the construction of the first new runway beginning in 2004. This new configuration will reduce IFR delays by 95 percent and overall delays at O'Hare by 79 percent.



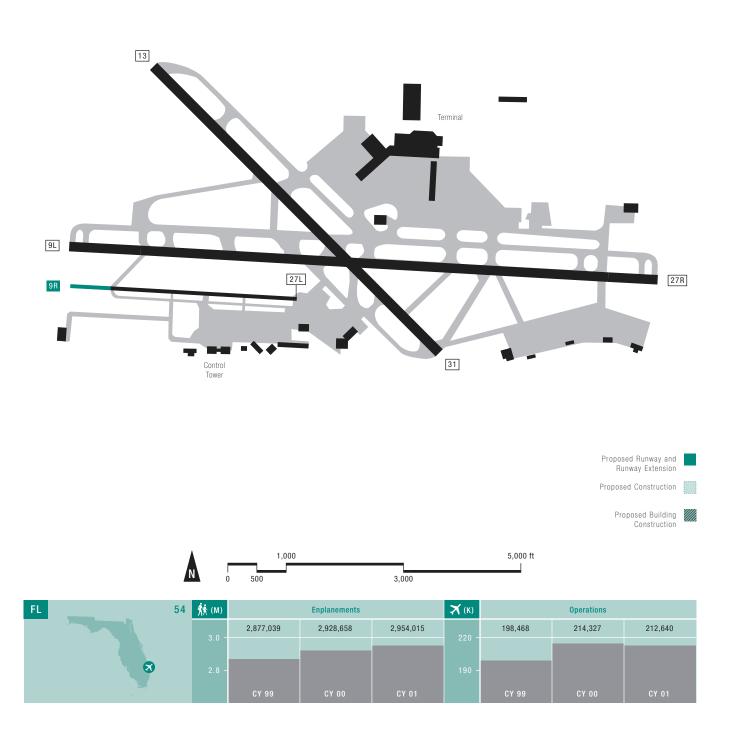
ORF - Norfolk International Airport

A new air carrier runway, Runway 5R/23L, was analyzed by the Eastern Virginia Capacity Design Team. An Environmental Review is currently underway. Runway construction was scheduled to begin in 2002 with completion by 2004, at an estimated cost of \$100 million providing the airport can acquire the small amount of additional land required.



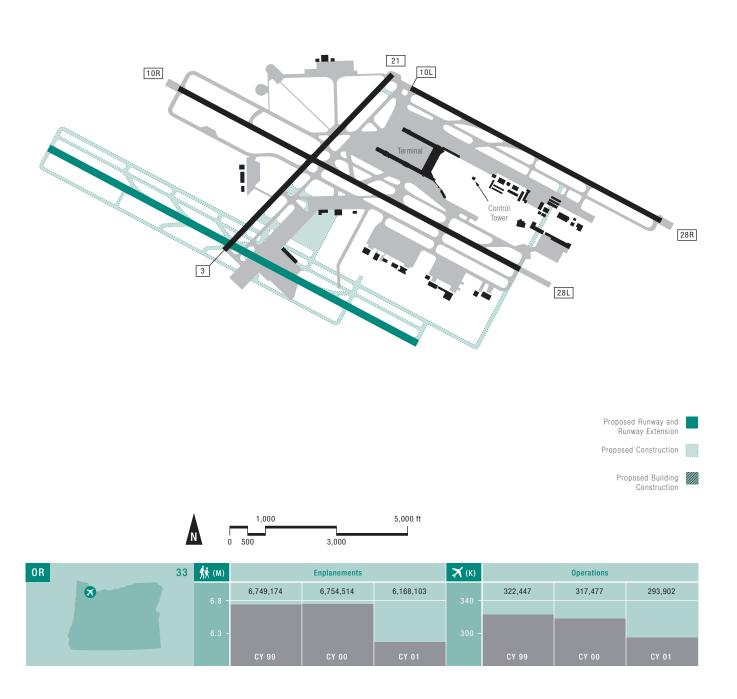
PBI - Palm Beach International Airport

Runway 9L/27R is planned to be extended 1,200 ft. to the west and 811 ft. to the east, for a total length of 10,000 ft. The total estimated project cost is \$9 million. An Environmental Assessment was completed and a Finding of No Significant Impact (FONSI) was issued in April 1998. Construction was completed in 2000. The runway thresholds will remain in their present locations; therefore, the extended length will only be used for departures.



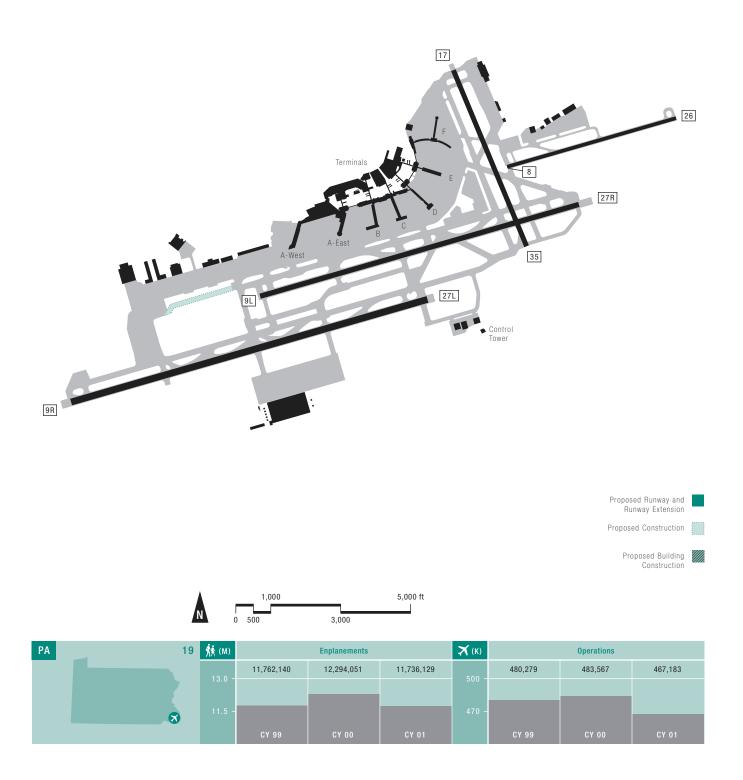
PDX - Portland International Airport

An update of the 1996 Capacity Enhancement Plan was completed in an initial phase in 2001, with the final phase to be completed in 2003. The update evaluated development of a third parallel runway south of the existing parallel runways with associated taxiways (not shown) under construction after 2020, and constructing an additional terminal or expanding the existing terminal. The update also evaluated the capacity benefit or impact of the new parallel runway under various operating scenarios. Two new connecting taxiways are proposed over the next 5 years to reduce runway occupancy times on Runway 10R/28L and congestion on the south parallel taxiway.



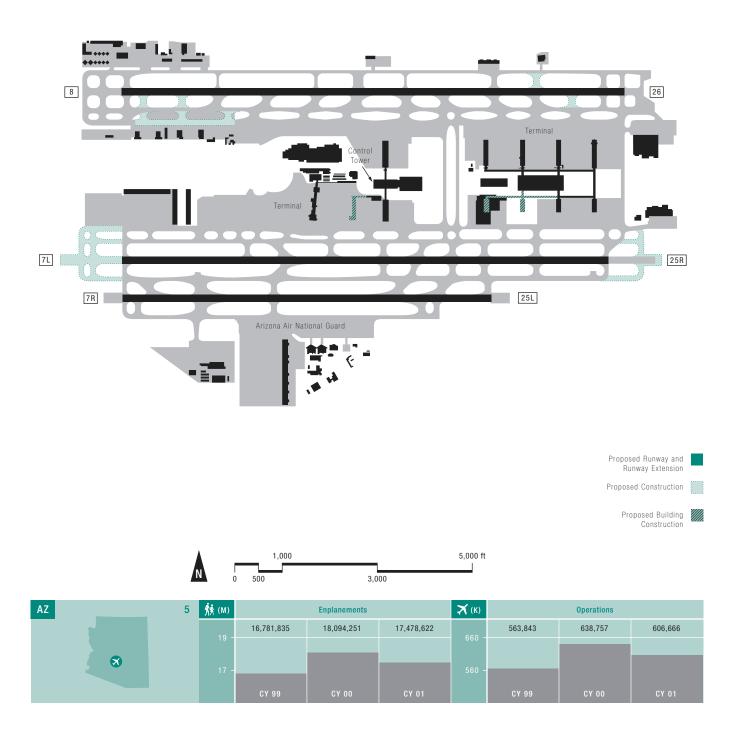
PHL – Philadelphia International Airport

The new 5,000-ft. parallel commuter runway, Runway 8/26, opened in late-1999 at an estimated cost of \$220 million. It is located 3,000 ft. north of Runway 9R/27L.



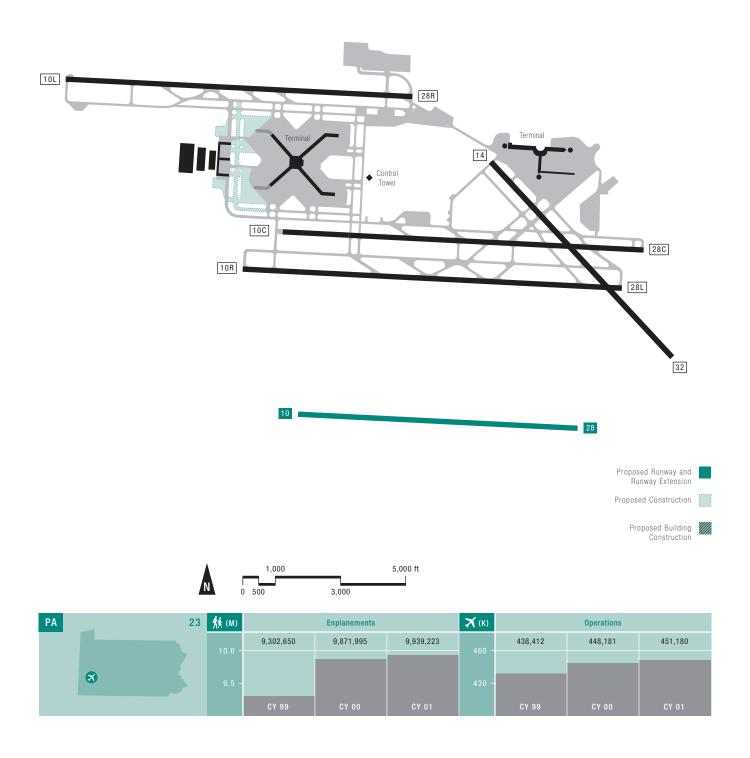
PHX - Phoenix Sky Harbor International Airport

A new third parallel runway, Runway 7/25 800 ft. south of Runway 8R/26L, was completed in 2000. Runway 7/25 is being constructed to a length of 7,800 ft. The airport layout plan proposes an ultimate length of 9,500 ft., but further construction is not scheduled at this time. The construction of a 900 ft. west extension of Runway 8L/26R, at cost of \$7.0 million, was completed in 2001.

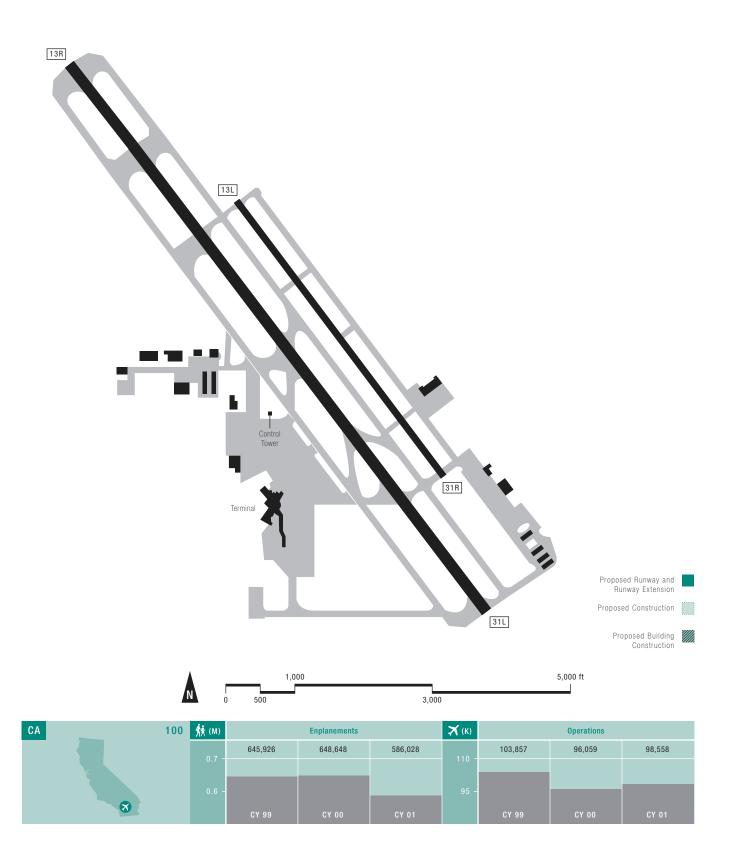


PIT - Greater Pittsburgh International Airport

The ongoing Master Plan has recommended that at least two new runways will be needed within a 20-year planning period to accommodate projected Baseline (normal growth) forecast demands and achieve acceptable aircraft delay times and associated delay costs. The southern parallel will be located approximately 4,300 ft. south of existing Runway 10R/28L and should be operational by the time the airport reaches 495,000 annual aircraft operations. The Master Plan was completed in 2001.

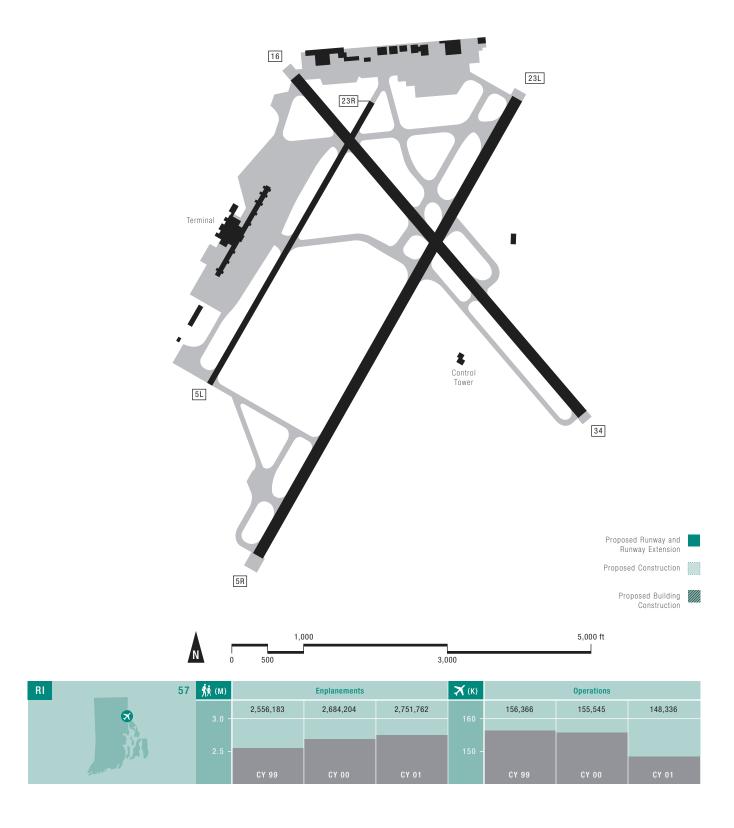


PSP - Palm Springs Regional Airport



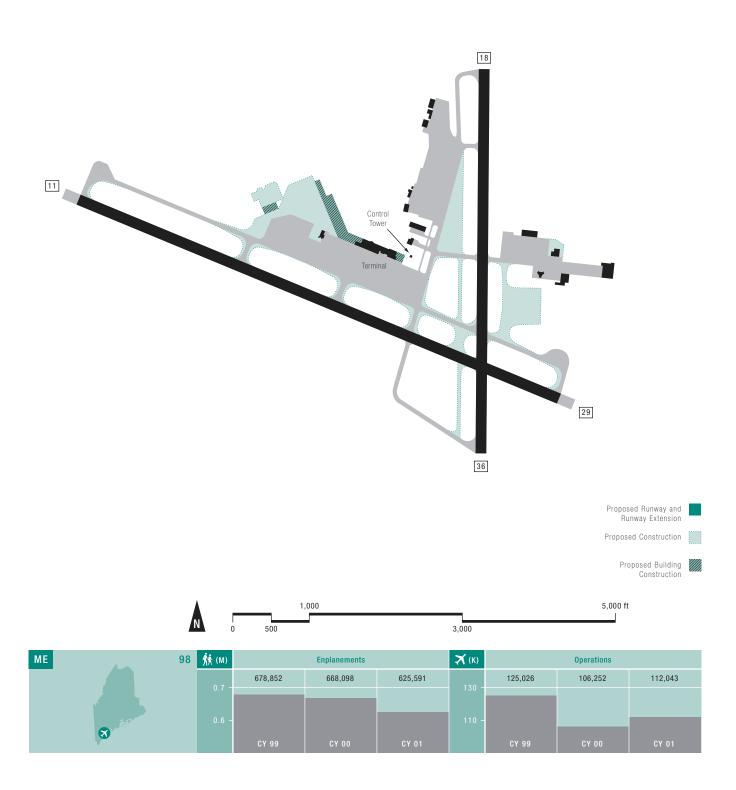
PVD - T.F. Green Airport

T.F. Green Airport is currently in the process of updating its Airport Master Plan.



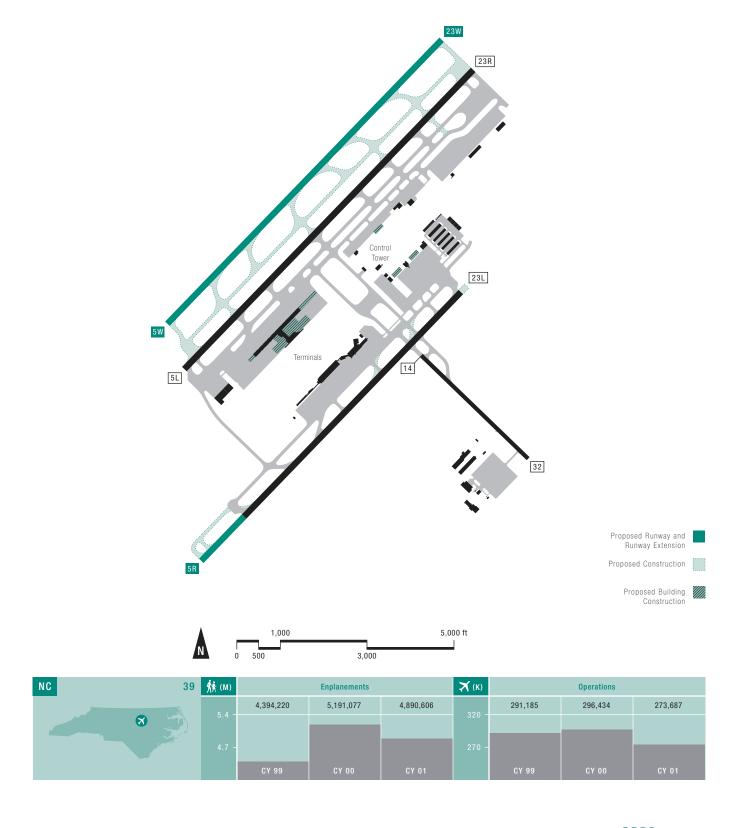
PWM - Portland International Jetport

The design is completed for a 400 ft. extension to the west end of runway 11/29, an upgrade to CAT III for runway 11/29, and complete rehabilitation of runway 11/29 and associated taxiways. Construction of the 11/29 runway extension will begin in 2002.



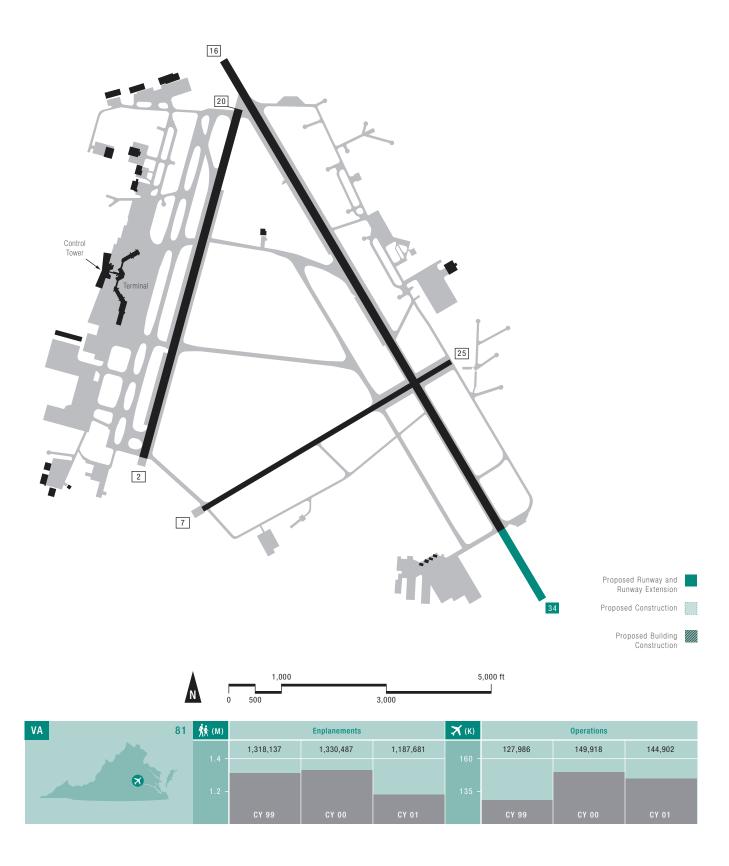
RDU - Raleigh-Durham International Airport

A new 8,000-ft. parallel Runway 5W/23W, located 3,000-4,300 ft. west of existing Runway 5L/23R, is planned for the future (beyond 2005). Also, a 1,500-ft. runway extension to the south end of existing Runway 5R/23L is planned following the construction of the new runway. This would bring the total useable length for landings and take-offs to 9,000 ft.

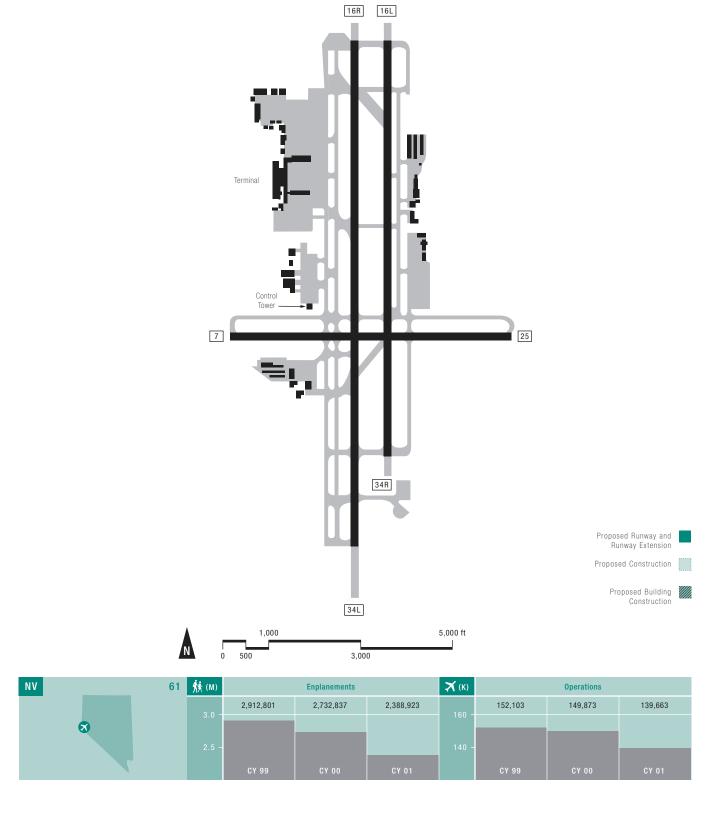


RIC - Richmond International Airport

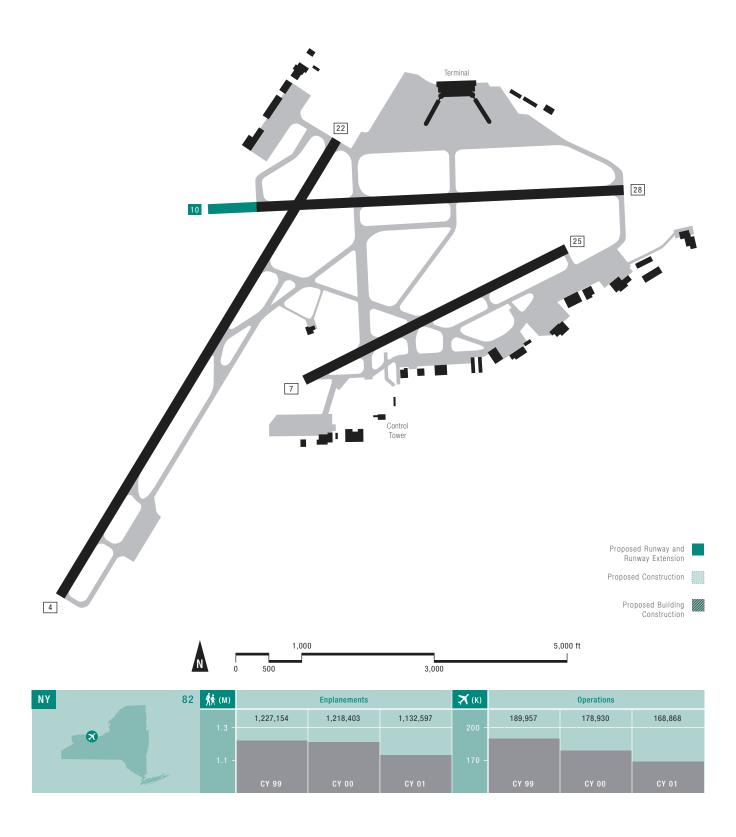
An extension of Runway 16/34 is under design. Construction has been delayed until after 2005.



RNO - Reno Tahoe International Airport

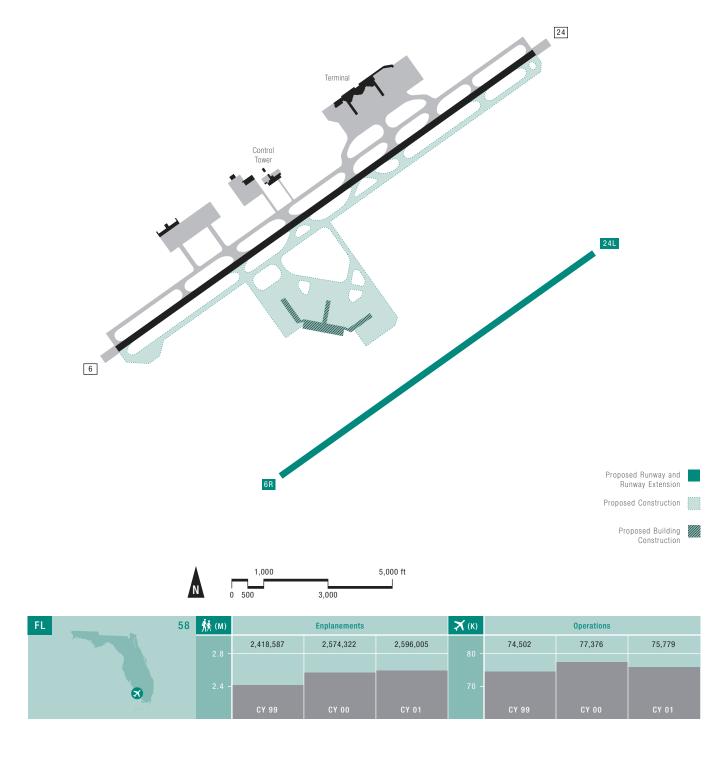


ROC - Greater Rochester International Airport

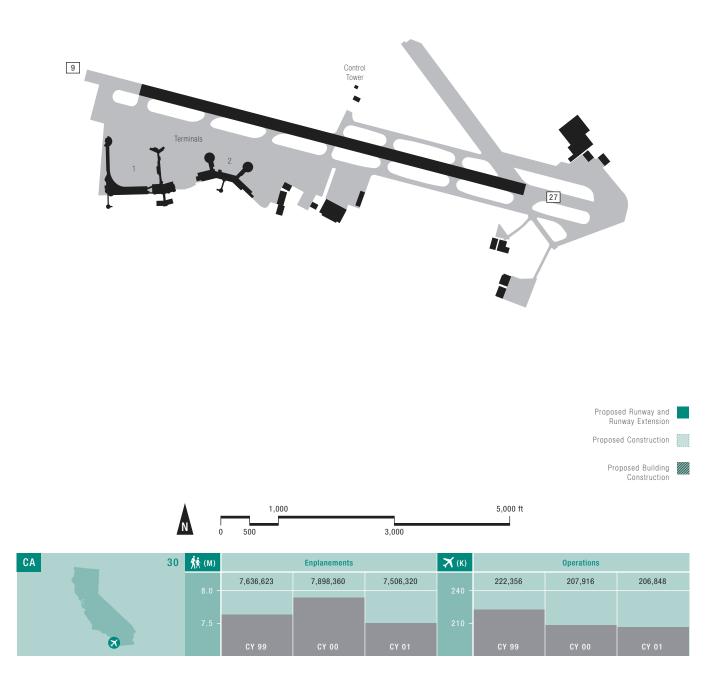


RSW - Fort Myers Southwest Florida Regional Airport

Planning has begun for a new 9,100 ft. parallel Runway 6R/24L, 4,300 ft. or more southeast of Runway 6/24. Construction is expected to begin in 2008. The new runway should be operational by 2010. The estimated cost of the project is \$80 million. This new runway will support independent parallel operations. A new terminal complex is planned to be located between the parallel runways. It is expected to be operational by 2005.



SAN - San Diego International Lindberg Field



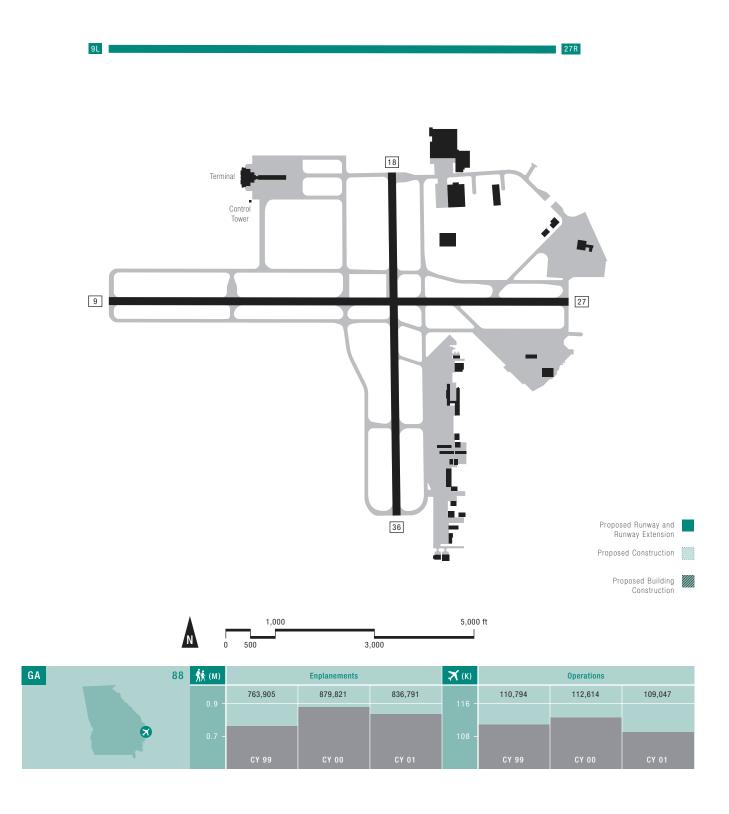
SAT - San Antonio International Airport

Reconstruction and extension of 12L/30R for air carrier operations is planned for completion by 2006. A third parallel runway, Runway 12N/30N, is in the long term planning, within 5-10 years. Taxiway and cargo ramp expansion were completed in 2000. Expansion of the terminal to 29 gates is planned for 2002.



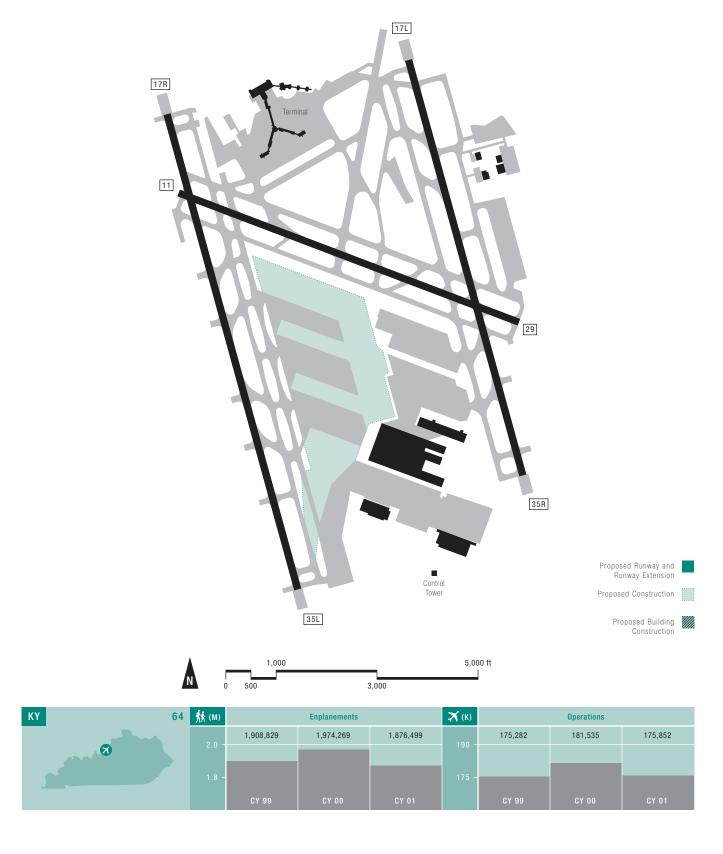
SAV - Savannah International Airport

A new 9,000 ft. parallel Runway 9L/27R, approximately 5,000 ft. north of Runway 9/27, is expected to be constructed by 2020, with an estimated cost of \$20 million. This runway would allow independent parallel operations, thereby potentially doubling hourly capacity.



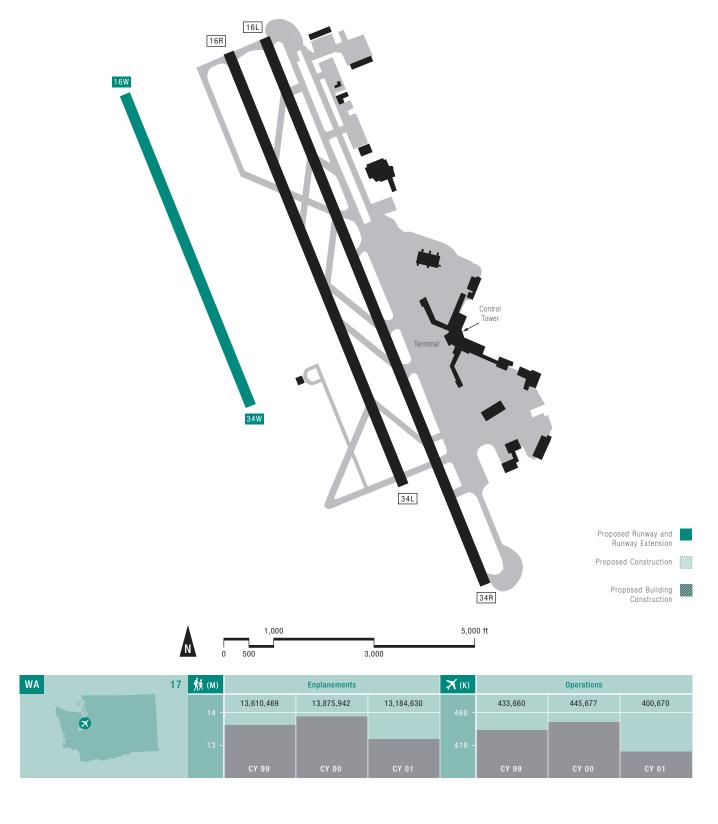
SDF - Louisville International Airport

A runup pad at the south end and west of runway 17R-35L is proposed for construction in the year 2003 at a cost of \$5 million. The extension of runway 17R-35L is presently under review. The cost and date of construction is yet to be determined.



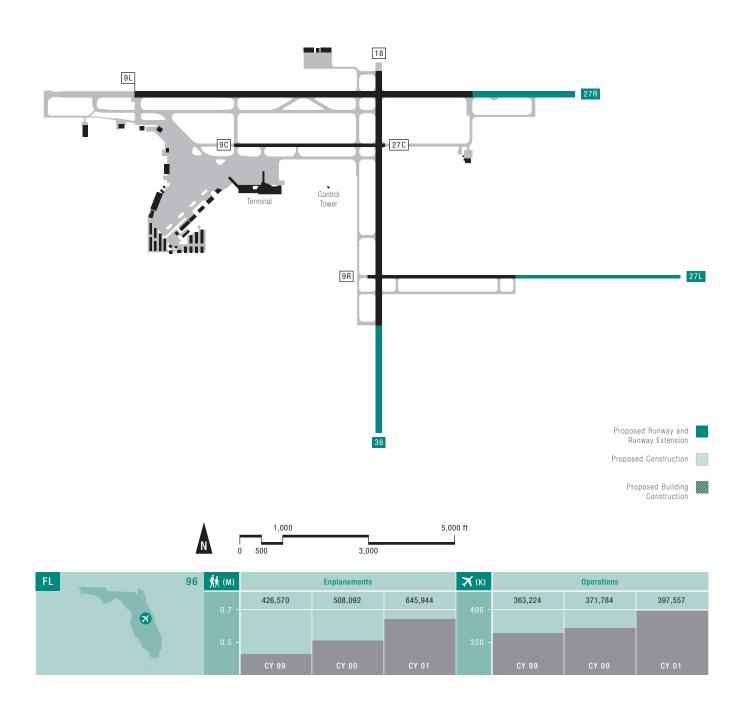
SEA - Seattle-Tacoma International Airport

Airport improvements include a new Runway 16W/34W, 8,500 ft. in length, which will be located 2,500 ft. from Runway 16L/34R. Construction began in 1999. The runway will be completed by 2006 at a cost of \$773.0 million.

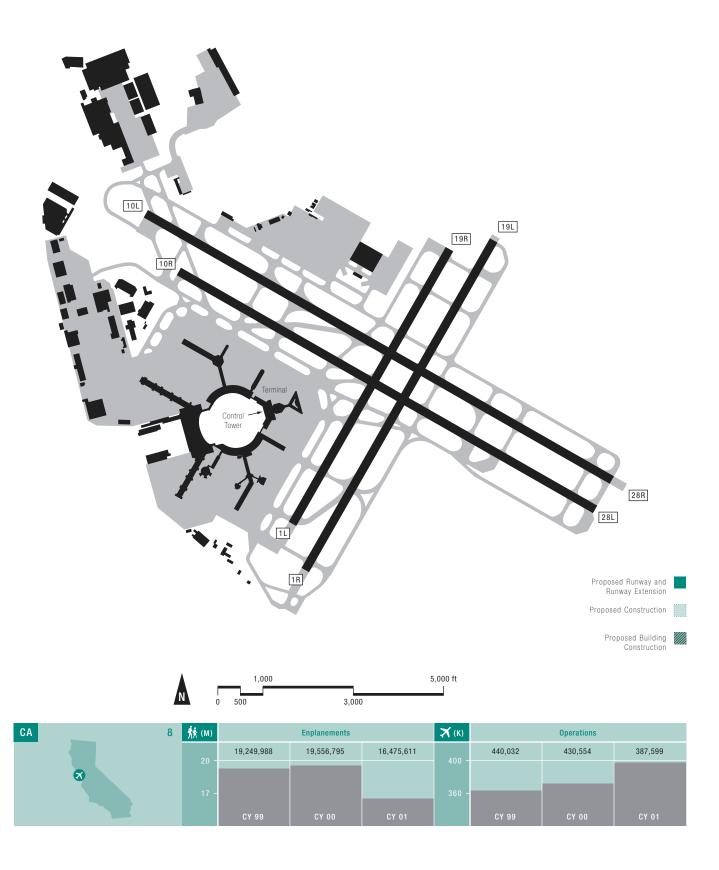


SFB - Orlando-Sanford Airport

Runway 9C/27C, completed in 1998 at a cost of \$6.5 million, was approved for permanent use in 2001 by the FAA, following completion of an Environmental Assessment. Future plans include extending Runway 9R/27L to 7,400 ft. for completion by 2005 at an estimated cost of \$14 million, and then reconstructing this runway by 2006 at an estimated cost of \$4 million. Long term plans include extending Runway 18/36 to 8,500 ft., for completion by 2007 at an estimated cost of \$6 million, and extending 9L/27R to 12,000 ft. beyond 2007.

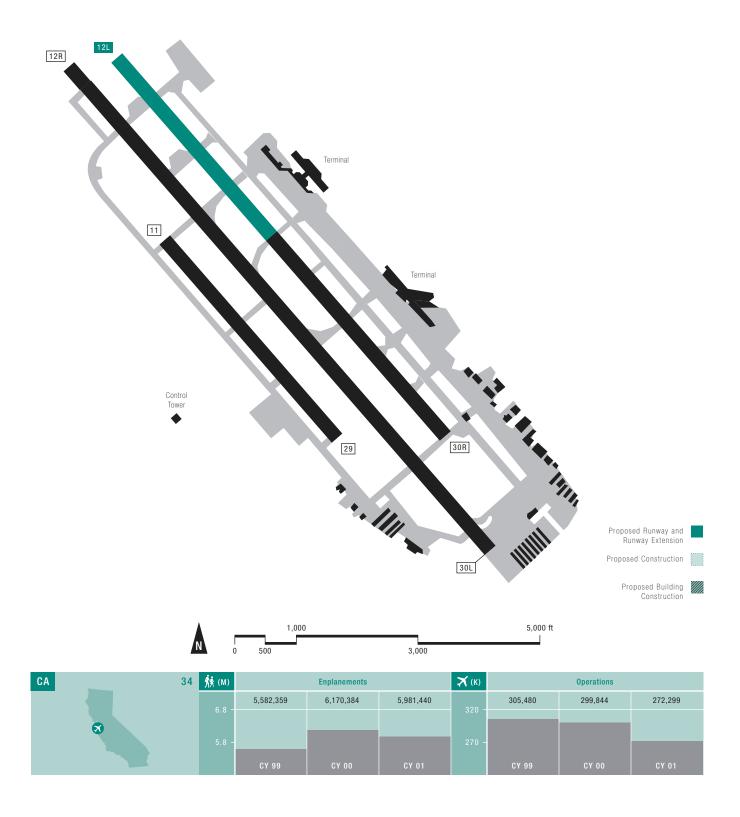


SFO - San Francisco International Airport

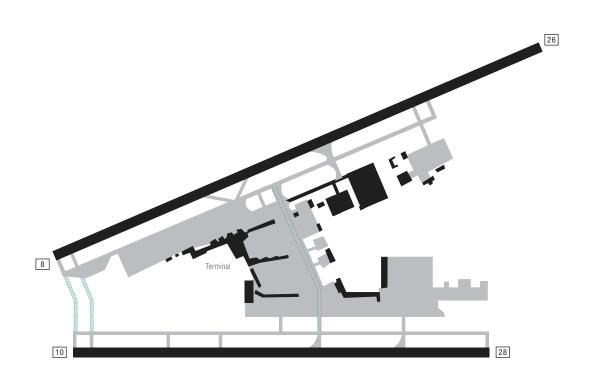


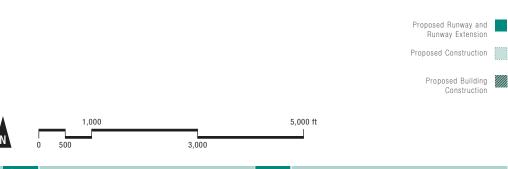
SJC - Norman Y. Mineta San José International Airport

Extension, widening and strengthening of Runway 12L/30R was completed in August 2001 at a cost of \$65 million. Reconstruction of Runway 12R/30L was completed in 2002, and the lengthening of the runway from 10,200 ft. to 11,000 ft. is planned for 2003. The estimated cost is \$61.4 million.



SJU - San Juan Luis Muñoz Marín International Airport

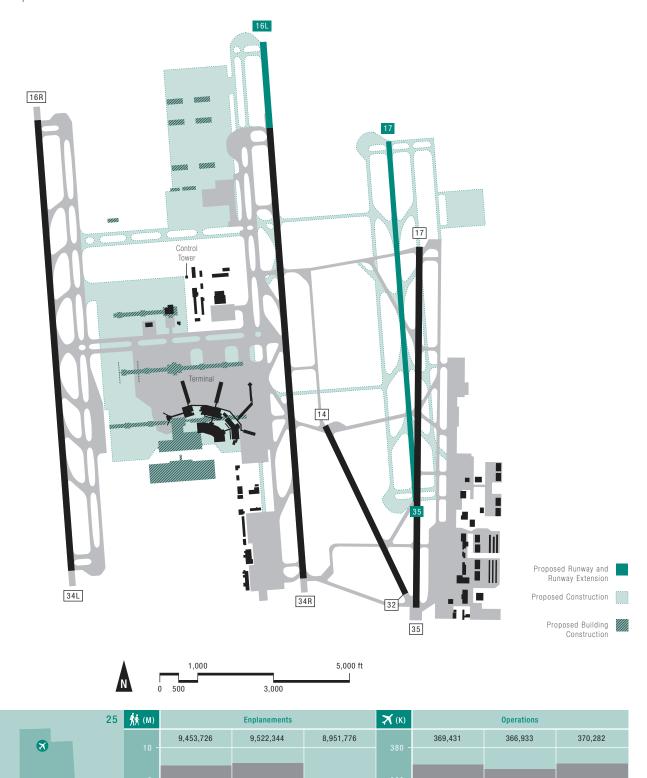




PR	41	捺 (M)	Enplanements			≯ (K)	Operations		
		5.2 -	4,760,643	5,135,591	4,706,307	240 -	224,133	236,903	205,976
	3					240 -			
		4.7 -							
			CY 99	CY 00	CY 01		CY 99	CY 00	CY 01

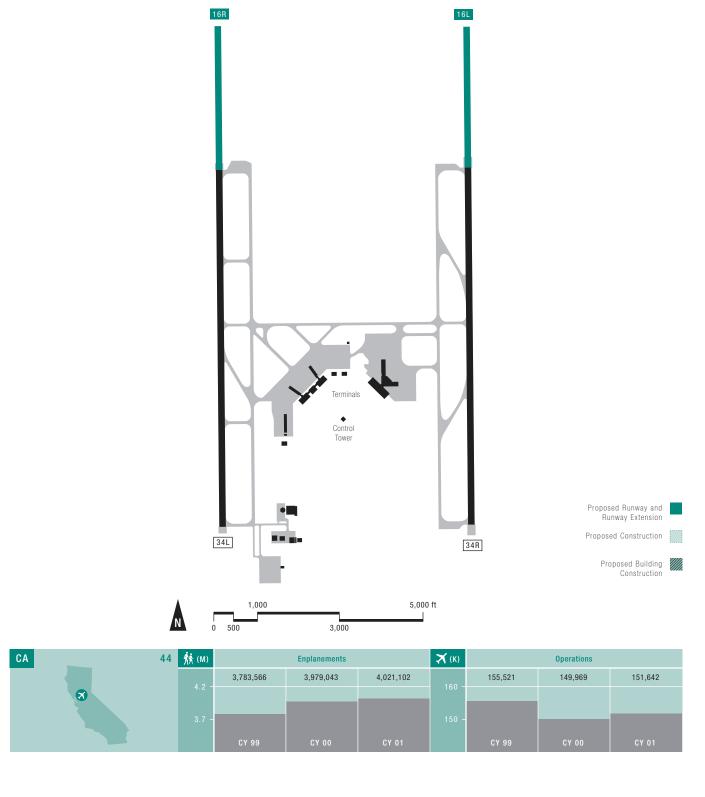
SLC - Salt Lake City International Airport

In the long-term Runway 17/35 is planned to be realigned parallel with the other two major runways. This project is identified in the 20-year master plan update.



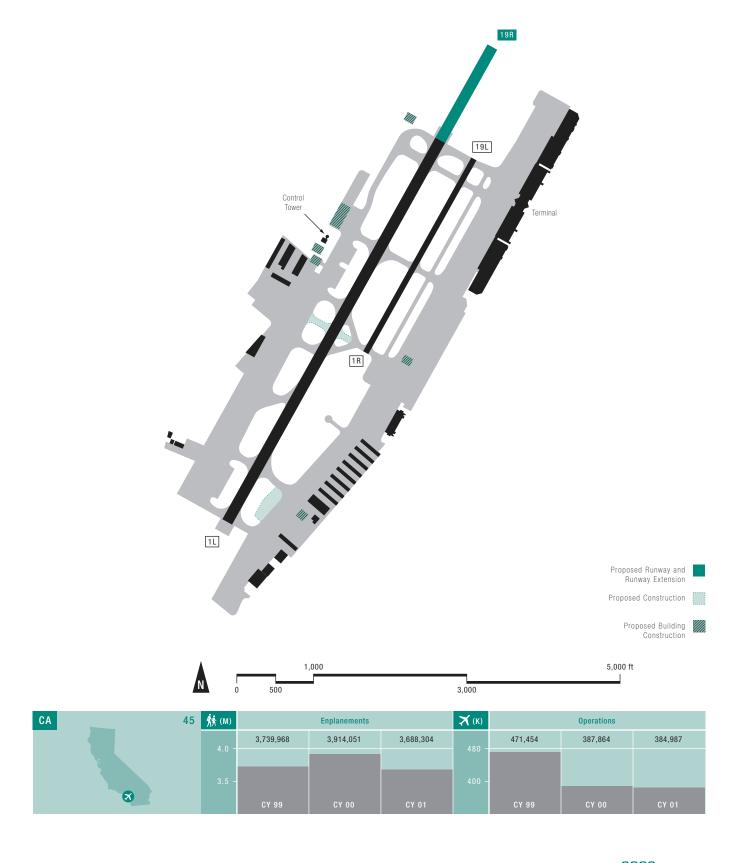
SMF - Sacramento International Airport

A master plan update is currently in progress. A time frame for the proposed northerly extensions of Runway 16L/34R, to an ultimate length of 12,000 ft., has not yet been identified. Alternatives for the development of a third parallel runway are being considered. A third runway would not be required until beyond 2015.



SNA - John Wayne Airport - Orange County

An extension of Runway 1L/19R has been considered, but is not included in Orange County's current airport development plans.



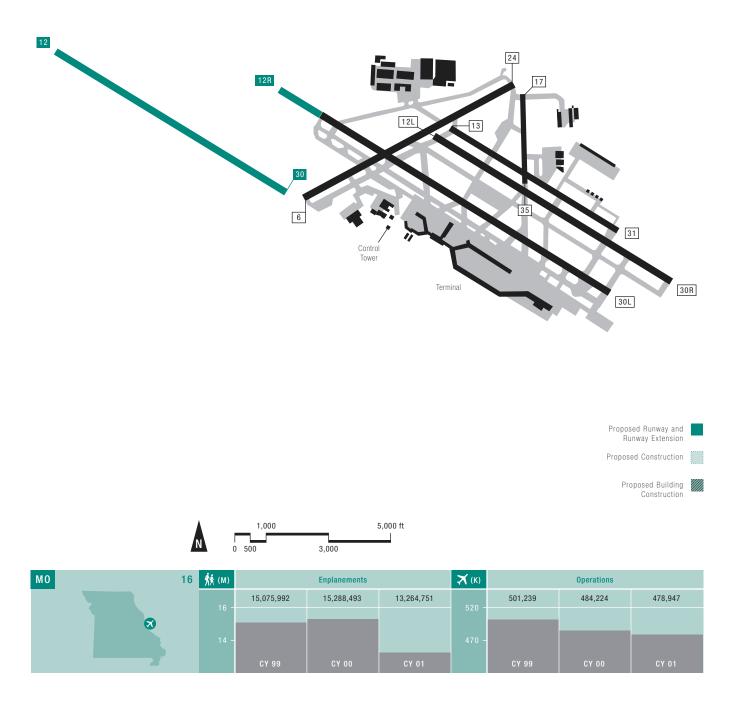
SRQ - Sarasota Bradenton Airport

Two new parallel taxiways are being developed east of Runway 14/32 (Charlie Taxiway) and north Runway 4/22 (Delta Taxiway), as are additional runway exits suited to G.A. operations. The new parallel taxiways will reduce occupancy time and separate ground taxi operations between air carriers and G.A. The cost of these taxiways is estimated at \$12.5 million and will be operational by 2004. In addition, an extension of the existing Runway 14/32 is planned at a cost of \$5.1 million. It is expected to be operational in 2002. The runway extension will allow departures by larger and heavier aircraft and by aircraft with longer haul-lengths.



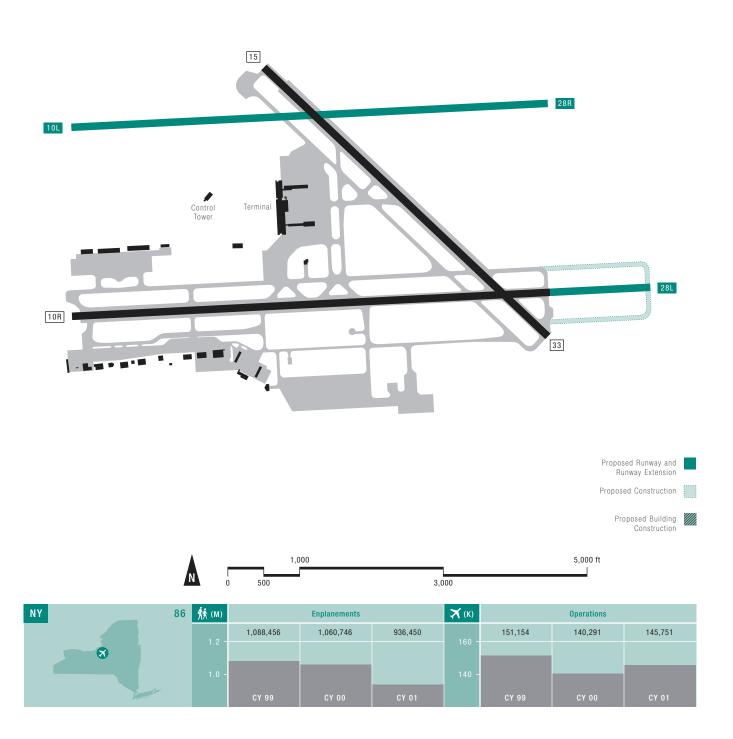
STL - Lambert St. Louis International Airport

A new parallel Runway 12R/30L has been recommended in the St. Louis Airport Master Plan Update. The Plan calls for a parallel runway supporting independent IFR arrivals. Construction is in progress with an estimated completion date of 2006.



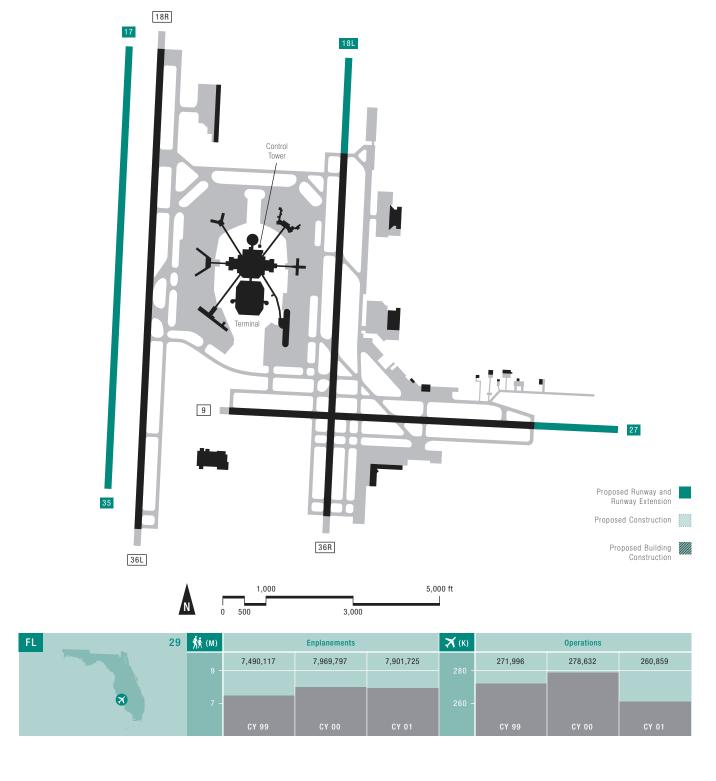
SYR - Syracuse Hancock International Airport

A new parallel Runway 10L/28R, 9,000 ft. long and separated from the existing Runway 10/28 by 3,400 ft. is being considered. It would provide independent parallel IFR operations, doubling hourly IFR arrival capacity. The cost of construction is estimated to be \$55 million for the first phase of the new runway, which would be 7,500 ft. long, including a parallel taxiway and connections to the ramp. The final length of the runway would be 9,000 ft. A capacity analysis and needs study is presently underway. Runway 10R/28L is planned to be extended 2,000 ft. to an ultimate length of 11,000 ft.



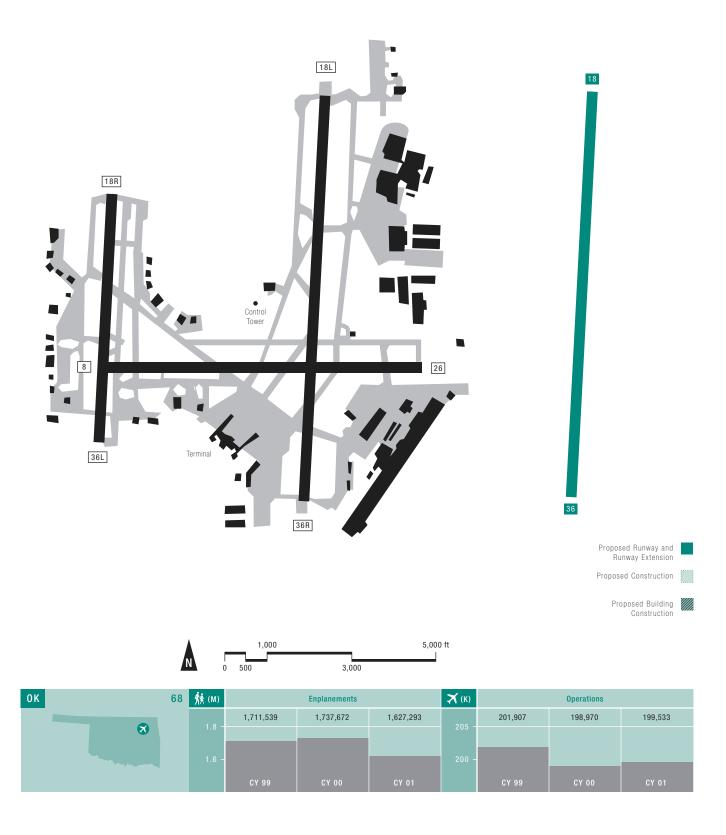
TPA - Tampa International Airport

A third parallel Runway 17/35 is being considered for construction in 2010, with an operational date of 2012. It will be located 700 ft. west of the centerline of existing Runway 18R/36L, and will be approximately 10,160 ft. in length. Prior to the construction of this new runway, it is anticipated that Runway 18R will be upgraded to CAT II/III, and the associated ILS will be relocated to the new runway before it becomes operational. It is anticipated that Runway 18L will also be upgraded to CAT II/III capabilities to permit south flow landings below CAT I minimums. In addition, a 2,200-ft. northern extension of Runway 18L and a 1,200 ft. eastern extension of Runway 27 are being considered for the time frame beyond 2020.



TUL - Tulsa International Airport

A new parallel Runway 18/36, located 6,400 ft. east of the present 18L/36R and 9,000 ft. long, is being considered. The new runway would permit IFR triple independent approaches, if approved, to Runways 18L, 18C, and 18R. It is estimated to cost \$115 million and will be operational in 2010.



TUS - Tucson International Airport

An additional parallel air carrier Runway 11R/29L has been proposed. Upon completion of the new runway, the current Runway 11R/29L, a general aviation runway, will revert to its original taxiway status. Current plans call for construction to start in 2008 to be operational in 2010. The estimated is \$50 million.



TYS - Knoxville McGhee-Tyson Airport

An extension of both runways, 5L/23R and 5R/23L, is being planned for the future.

